

AIMSweb® Mathematics Computation 2 Progress Monitor #1 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|--|---|--|---------|
| $\begin{array}{r} 5 \text{ r } 4 \\ 7 \overline{)39} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 770 \\ \times 49 \\ \hline 37730 \end{array}$ <p>(5)</p> | $\frac{8}{9} + \frac{2}{3} = 1\frac{5}{9}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p> | 15 (15) |
|--|--|--|---|--|---------|

| | | | | | |
|--|---|---------------------------------------|---|--|---------|
| $\begin{array}{r} 16 \text{ r } 51 \\ 52 \overline{)883} \end{array}$ <p>(4)</p> | $\begin{array}{r} 200 \\ \times 22 \\ \hline 4400 \end{array}$ <p>(4)</p> | <p>47% of 25</p> $= 11.75$ <p>(5)</p> | $\begin{array}{r} 54.46 \\ - 2.94 \\ \hline 51.52 \end{array}$ <p>(5)</p> | $\begin{array}{r} 34.8 \\ \times 9 \\ \hline 313.2 \end{array}$ <p>(5)</p> | 23 (38) |
|--|---|---------------------------------------|---|--|---------|

| | | | | | |
|--|---|---|--|---|---------|
| <p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p> | $\begin{array}{r} 94 \\ 7 \overline{)658} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p> | $\begin{array}{r} 6539 \\ 4976 \\ 3556 \\ + 1498 \\ \hline 16569 \end{array}$ <p>(5)</p> | $\begin{array}{r} 4.825 \\ 4 \overline{)19.3} \end{array}$ <p>(5)</p> | 18 (56) |
|--|---|---|--|---|---------|

| | | | | | |
|---|--|--|--------------------------------------|--|---------|
| $\begin{array}{r} 67.13 \\ + 9.44 \\ \hline 76.57 \end{array}$ <p>(5)</p> | $\begin{array}{r} 575 \\ \times 86 \\ \hline 49450 \end{array}$ <p>(5)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | <p>42% of 25</p> $= 10.5$ <p>(4)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | 18 (74) |
|---|--|--|--------------------------------------|--|---------|

| | | | | | |
|---|---|---|------------------------------------|---|---------|
| <p>Convert to Decimal</p> $\frac{1}{3} = .333$ <p>(4)</p> | <p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p> | $\begin{array}{r} 18.09 \\ - 1.01 \\ \hline 17.08 \end{array}$ <p>(5)</p> | <p>48% of 25</p> $= 12$ <p>(2)</p> | $\begin{array}{r} 28.7 \\ \times 3 \\ \hline 86.1 \end{array}$ <p>(4)</p> | 18 (92) |
|---|---|---|------------------------------------|---|---------|

| | | | | | |
|---|---|--|--|---|----------|
| $\begin{array}{r} 49.8 \\ \times 4.9 \\ \hline 244.02 \end{array}$ <p>(6)</p> | $\frac{7}{8} \div \frac{8}{9} = \frac{63}{64}$ <p>(4)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | $\frac{2}{7} * \frac{1}{2} = \frac{1}{7}$ <p>(2)</p> | $\frac{7}{9} + \frac{4}{9} = 1\frac{2}{9}$ <p>(3)</p> | 17 (109) |
|---|---|--|--|---|----------|

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Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Decimal

$$\frac{8}{9} - \frac{5}{9} = \frac{1}{3}$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

16 (125)

$$\frac{2}{5} \div \frac{3}{4} = \frac{8}{15}$$

(3)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\frac{9}{10} + \frac{1}{2} = 1\frac{2}{5}$$

(3)

77% of 50

$$= 38.5$$

(4)

$$\frac{1}{2} \div \frac{7}{9} = \frac{9}{14}$$

(3)

15 (140)

$$\begin{array}{r} 870 \\ \times 8 \\ \hline 6960 \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$$

(2)

$$\frac{3}{8} \div 1 = \frac{3}{8}$$

(2)

12 (152)

$$7 \overline{)26.6} \quad \begin{array}{r} 3.8 \\ 7 \overline{)26.6} \end{array}$$

(3)

$$\frac{8}{9} - \frac{1}{9} = \frac{7}{9}$$

(2)

$$12 \overline{)24} \quad \begin{array}{r} 2 \\ 12 \overline{)24} \end{array}$$

(1)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

$$\frac{3}{5} + \frac{9}{5} = 2\frac{2}{5}$$

(3)

11 (163)

$$\begin{array}{r} 90.73 \\ + 6.67 \\ \hline 97.4 \end{array}$$

(4)

$$\frac{8}{9} \times \frac{1}{2} = \frac{4}{9}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 20.9 \\ \times 5.8 \\ \hline 121.22 \end{array}$$

(6)

$$12 \overline{)144}$$

(2)

16 (179)

$$\begin{array}{r} 25 \\ \times 4 \\ \hline 100 \end{array}$$

(3)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$2 \overline{)12.8}$$

(3)

14 (193)

AIMSweb® Mathematics Computation 2 Progress Monitor #1 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$7 \overline{)39}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 770 \\ \times 49 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{2}{3} =$$

Convert to Decimal
 $\frac{1}{4} =$

$$52 \overline{)883}$$

$$\begin{array}{r} 200 \\ \times 22 \\ \hline \end{array}$$

47% of 25
=

$$\begin{array}{r} 54.46 \\ - 2.94 \\ \hline \end{array}$$

$$\begin{array}{r} 34.8 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

$$7 \overline{)658}$$

Convert to Fraction
.7 =

$$\begin{array}{r} 6539 \\ 4976 \\ 3556 \\ + 1498 \\ \hline \end{array}$$

$$4 \overline{)19.3}$$

$$\begin{array}{r} 67.13 \\ + 9.44 \\ \hline \end{array}$$

$$\begin{array}{r} 575 \\ \times 86 \\ \hline \end{array}$$

Convert to Fraction
.5 =

42% of 25
=

Convert to Fraction
.6 =

Convert to Decimal
 $\frac{1}{3} =$

Convert to Fraction
.1 =

$$\begin{array}{r} 18.09 \\ - 1.01 \\ \hline \end{array}$$

48% of 25
=

$$\begin{array}{r} 28.7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 49.8 \\ \times 4.9 \\ \hline \end{array}$$

$$\frac{7}{8} \div \frac{8}{9} =$$

Convert to Fraction
.8 =

$$\frac{2}{7} * \frac{1}{2} =$$

$$\frac{7}{9} + \frac{4}{9} =$$

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Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{2}{3} =$$

$$\frac{8}{9} - \frac{5}{9} =$$

Convert to Decimal

$$\frac{1}{8} =$$

Convert to Fraction
 $.2 =$

Convert to Decimal

$$\frac{5}{8} =$$

Convert to Decimal
 $\frac{2}{5} / \frac{3}{4} =$

Convert to Decimal
 $\frac{2}{5} =$

$$\frac{9}{10} + \frac{1}{2} =$$

77% of 50
 $=$

$$\frac{1}{2} / \frac{7}{9} =$$

$$\begin{array}{r} 870 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

Convert to Decimal
 $\frac{4}{5} =$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\frac{3}{8} / 1 =$$

$$7 \overline{)26.6}$$

$$\frac{8}{9} - \frac{1}{9} =$$

$$12 \overline{)24}$$

Convert to Decimal
 $\frac{1}{2} =$

$$\frac{3}{5} + \frac{9}{5} =$$

$$\begin{array}{r} 90.73 \\ + 6.67 \\ \hline \end{array}$$

$$\frac{8}{9} * \frac{1}{2} =$$

Convert to Fraction
 $.25 =$

$$\begin{array}{r} 20.9 \\ \times 5.8 \\ \hline \end{array}$$

$$12 \overline{)144}$$

$$\begin{array}{r} 25 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{9}{10} =$

Convert to Fraction
 $.75 =$

Convert to Decimal
 $\frac{7}{8} =$

$$2 \overline{)12.8}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #2 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|--|---|--|---------|
| $\begin{array}{r} 8 \text{ r } 4 \\ 6 \overline{)52} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$ <p>(3)</p> | $\frac{4}{5} + \frac{9}{5} = 2\frac{3}{5}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p> | 13 (13) |
|--|--|--|---|--|---------|

| | | | | | |
|---|--|-------------------------------------|---|--|---------|
| $\begin{array}{r} 376 \text{ r } 1 \\ 2 \overline{)753} \end{array}$ <p>(4)</p> | $\begin{array}{r} 757 \\ \times 5 \\ \hline 3785 \end{array}$ <p>(4)</p> | <p>75% of 10</p> $= 7.5$ <p>(3)</p> | $\begin{array}{r} 97.47 \\ - 3.92 \\ \hline 93.55 \end{array}$ <p>(5)</p> | $\begin{array}{r} 85.6 \\ \times 7 \\ \hline 599.2 \end{array}$ <p>(5)</p> | 21 (34) |
|---|--|-------------------------------------|---|--|---------|

| | | | | | |
|---|--|--|--|--|---------|
| <p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p> | $\begin{array}{r} 16 \text{ r } 20 \\ 56 \overline{)916} \end{array}$ <p>(4)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | $\begin{array}{r} 7716 \\ 7681 \\ 4078 \\ + 2696 \\ \hline 22171 \end{array}$ <p>(5)</p> | $\begin{array}{r} 22.925 \\ 4 \overline{)91.7} \end{array}$ <p>(6)</p> | 19 (53) |
|---|--|--|--|--|---------|

| | | | | | |
|---|--|--|--------------------------------------|--|---------|
| $\begin{array}{r} 14.49 \\ + 5.42 \\ \hline 19.91 \end{array}$ <p>(5)</p> | $\begin{array}{r} 28 \\ \times 4 \\ \hline 112 \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | <p>75% of 18</p> $= 13.5$ <p>(4)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | 16 (69) |
|---|--|--|--------------------------------------|--|---------|

| | | | | | |
|---|---|---|-------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p> | <p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p> | $\begin{array}{r} 65.67 \\ - 9.56 \\ \hline 56.11 \end{array}$ <p>(5)</p> | <p>97% of 10</p> $= 9.7$ <p>(3)</p> | $\begin{array}{r} 32.3 \\ \times 4 \\ \hline 129.2 \end{array}$ <p>(5)</p> | 18 (87) |
|---|---|---|-------------------------------------|--|---------|

| | | | | | |
|---|---|---|---|--|----------|
| $\begin{array}{r} 41.8 \\ \times 7.7 \\ \hline 321.86 \end{array}$ <p>(6)</p> | $\frac{3}{5} \div \frac{7}{8} = \frac{24}{35}$ <p>(4)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | $\frac{1}{3} * \frac{5}{6} = \frac{5}{18}$ <p>(3)</p> | $\frac{1}{3} + \frac{1}{2} = \frac{5}{6}$ <p>(2)</p> | 17 (104) |
|---|---|---|---|--|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #2 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$1 - \frac{5}{8} = \frac{3}{8}$$

(2)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

12 (116)

$$\frac{7}{8} / \frac{7}{9} = 1\frac{1}{8}$$

(3)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\frac{6}{7} + \frac{4}{7} = 1\frac{3}{7}$$

(3)

81% of 25

$$= 20.25$$

(5)

$$\frac{2}{3} / \frac{4}{7} = 1\frac{1}{6}$$

(3)

16 (132)

$$\begin{array}{r} 28 \\ \times 9 \\ \hline 252 \end{array}$$

(3)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$\begin{array}{r} 791 \\ \times 46 \\ \hline 36386 \end{array}$$

(5)

$$\frac{7}{9} / \frac{9}{10} = \frac{70}{81}$$

(4)

20 (152)

$$8 \overline{)14.5} \begin{array}{l} 1.813 \\ 14.5 \end{array}$$

(5)

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

(2)

$$6 \overline{)237} \begin{array}{l} 39 \text{ r } 3 \\ 237 \end{array}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{6}{7} + \frac{2}{7} = 1\frac{1}{7}$$

(3)

15 (167)

$$\begin{array}{r} 9.1 \\ + 7.69 \\ \hline 16.79 \end{array}$$

(5)

$$\frac{4}{9} * \frac{1}{2} = \frac{2}{9}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 69 \\ \times 8.8 \\ \hline 607.2 \end{array}$$

(5)

$$5 \overline{)240} \begin{array}{l} 48 \\ 240 \end{array}$$

(2)

16 (183)

$$\begin{array}{r} 81.8 \\ \times 2.1 \\ \hline 171.78 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$7 \overline{)49.7} \begin{array}{l} 7.1 \\ 49.7 \end{array}$$

(3)

18 (201)

AIMSweb® Mathematics Computation 2 Progress Monitor #2 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$6 \overline{)52}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\frac{4}{5} + \frac{9}{5} =$$

Convert to Decimal
 $\frac{1}{4} =$

$$2 \overline{)753}$$

$$\begin{array}{r} 757 \\ \times 5 \\ \hline \end{array}$$

75% of 10
=

$$\begin{array}{r} 97.47 \\ - 3.92 \\ \hline \end{array}$$

$$\begin{array}{r} 85.6 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

$$56 \overline{)916}$$

Convert to Fraction
.8 =

$$\begin{array}{r} 7716 \\ 7681 \\ 4078 \\ + 2696 \\ \hline \end{array}$$

$$4 \overline{)91.7}$$

$$\begin{array}{r} 14.49 \\ + 5.42 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 4 \\ \hline \end{array}$$

Convert to Fraction
.2 =

75% of 18
=

Convert to Fraction
.5 =

Convert to Decimal
 $\frac{1}{5} =$

Convert to Fraction
.1 =

$$\begin{array}{r} 65.67 \\ - 9.56 \\ \hline \end{array}$$

97% of 10
=

$$\begin{array}{r} 32.3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 41.8 \\ \times 7.7 \\ \hline \end{array}$$

$$\frac{3}{5} \div \frac{7}{8} =$$

Convert to Fraction
.75 =

$$\frac{1}{3} * \frac{5}{6} =$$

$$\frac{1}{3} + \frac{1}{2} =$$

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Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{5} =$$

$$1 - \frac{5}{8} =$$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Fraction
 $.6 =$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Decimal
 $\frac{7}{8} / \frac{7}{9} =$

Convert to Decimal
 $\frac{9}{10} =$

$$\frac{6}{7} + \frac{4}{7} =$$

81% of 25
 $=$

$$\frac{2}{3} / \frac{4}{7} =$$

Convert to Decimal
 $\frac{2}{3} =$

Convert to Decimal
 $\frac{5}{8} =$

$$\begin{array}{r} 791 \\ \times 46 \\ \hline \end{array}$$

$$\frac{7}{9} / \frac{9}{10} =$$

$$8 \overline{)14.5}$$

$$\frac{5}{7} - \frac{2}{7} =$$

Convert to Decimal
 $\frac{4}{5} =$

$$\frac{6}{7} + \frac{2}{7} =$$

$$\begin{array}{r} 9.1 \\ + 7.69 \\ \hline \end{array}$$

$$\frac{4}{9} * \frac{1}{2} =$$

Convert to Fraction
 $.25 =$

$$\begin{array}{r} 69 \\ \times 8.8 \\ \hline \end{array}$$

$$5 \overline{)240}$$

Convert to Decimal
 $\frac{1}{10} =$

Convert to Fraction
 $.7 =$

Convert to Decimal
 $\frac{1}{3} =$

$$7 \overline{)49.7}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #3 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 10 \overline{)50} \\ \underline{50} \\ 0 \end{array}$$

(1)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 31 \\ \times 8 \\ \hline 248 \end{array}$$

(3)

$$\frac{2}{3} + \frac{2}{3} = 1\frac{1}{3}$$

(3)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2) 11 (11)

$$\begin{array}{r} 10 \text{ r } 2 \\ 9 \overline{)92} \\ \underline{90} \\ 2 \end{array}$$

(3)

$$\begin{array}{r} 72 \\ \times 6 \\ \hline 432 \end{array}$$

(3)

$$80\% \text{ of } 41 = 32.8$$

(4)

$$\begin{array}{r} 93.06 \\ - 8.17 \\ \hline 84.89 \end{array}$$

(5)

$$\begin{array}{r} 56.9 \\ \times 9 \\ \hline 512.1 \end{array}$$

(5) 20 (31)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$\begin{array}{r} 1 \text{ r } 4 \\ 7 \overline{)11} \\ \underline{7} \\ 4 \end{array}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 8448 \\ 8092 \\ 5112 \\ + 3972 \\ \hline 25624 \end{array}$$

(5)

$$\begin{array}{r} 2.7 \\ 18 \overline{)48.6} \\ \underline{36} \\ 12.6 \\ \underline{18} \\ 4.6 \end{array}$$

(3) 14 (45)

$$\begin{array}{r} 43.33 \\ + 5.65 \\ \hline 48.98 \end{array}$$

(5)

$$\begin{array}{r} 15 \\ \times 3 \\ \hline 45 \end{array}$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$75\% \text{ of } 39 = 29.25$$

(5)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2) 16 (61)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 7.28 \\ - 3.1 \\ \hline 4.18 \end{array}$$

(4)

$$47\% \text{ of } 25 = 11.75$$

(5)

$$\begin{array}{r} 34.3 \\ \times 5 \\ \hline 171.5 \end{array}$$

(5) 20 (81)

$$\begin{array}{r} 3.5 \\ \times 1.4 \\ \hline 4.9 \end{array}$$

(3)

$$\frac{9}{10} \div \frac{3}{5} = 1\frac{1}{2}$$

(3)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

$$\frac{5}{9} \times \frac{1}{2} = \frac{5}{18}$$

(3)

$$\frac{2}{9} + \frac{4}{9} = \frac{2}{3}$$

(2) 14 (95)

AIMSweb® Mathematics Computation 2 Progress Monitor #3 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

Convert to Decimal

$$\frac{7}{6} - \frac{1}{3} = \frac{5}{6}$$

(2)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2) 11 (106)

Convert to Decimal

$$\frac{7}{8} \div \frac{8}{9} = \frac{63}{64}$$

(4)

$$\frac{5}{8} = .625$$

(4)

$$\frac{6}{7} + \frac{4}{7} = 1\frac{3}{7}$$

(3)

75% of 45

$$= 33.75$$

(5)

$$\frac{7}{8} \div \frac{1}{8} = 7$$

(1) 17 (123)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

$$\begin{array}{r} 409 \\ \times 6 \\ \hline 2454 \end{array}$$

(4)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 71 \\ \times 9 \\ \hline 639 \end{array}$$

(3)

$$\frac{3}{8} \div \frac{2}{3} = \frac{9}{16}$$

(3) 14 (137)

$$7 \overline{) 38.8} = 5.543$$

(5)

$$\frac{2}{5} - \frac{1}{5} = \frac{1}{5}$$

(2)

$$6 \overline{) 465} = 77 \text{ r } 3$$

(3)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

$$\frac{8}{9} + \frac{2}{9} = 1\frac{1}{9}$$

(3) 15 (152)

$$\begin{array}{r} 58.43 \\ + 5.45 \\ \hline 63.88 \end{array}$$

(5)

$$\frac{2}{3} * \frac{9}{10} = \frac{3}{5}$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 79.6 \\ \times 1.4 \\ \hline 111.44 \end{array}$$

(6)

$$78 \overline{) 702} = 9$$

(1) 17 (169)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

$$\begin{array}{r} 26.4 \\ \times 4.4 \\ \hline 116.16 \end{array}$$

(6)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$19 \overline{) 96.9} = 5.1$$

(3) 19 (188)

AIMSweb® Mathematics Computation 2 Progress Monitor #3 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$10 \overline{)50}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 31 \\ \times 8 \\ \hline \end{array}$$

$$\frac{2}{3} + \frac{2}{3} =$$

Convert to Decimal
 $\frac{7}{10} =$

$$9 \overline{)92}$$

$$\begin{array}{r} 72 \\ \times 6 \\ \hline \end{array}$$

80% of 41
=

$$\begin{array}{r} 93.06 \\ - 8.17 \\ \hline \end{array}$$

$$\begin{array}{r} 56.9 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

$$7 \overline{)11}$$

Convert to Fraction
.25 =

$$\begin{array}{r} 8448 \\ 8092 \\ 5112 \\ + 3972 \\ \hline \end{array}$$

$$18 \overline{)48.6}$$

$$\begin{array}{r} 43.33 \\ + 5.65 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 3 \\ \hline \end{array}$$

Convert to Fraction
.8 =

75% of 39
=

Convert to Fraction
.6 =

Convert to Decimal
 $\frac{2}{3} =$

Convert to Fraction
.75 =

$$\begin{array}{r} 7.28 \\ - 3.1 \\ \hline \end{array}$$

47% of 25
=

$$\begin{array}{r} 34.3 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3.5 \\ \times 1.4 \\ \hline \end{array}$$

$$\frac{9}{10} \div \frac{3}{5} =$$

Convert to Fraction
.3 =

$$\frac{5}{9} * \frac{1}{2} =$$

$$\frac{2}{9} + \frac{4}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #3 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

Convert to Decimal

$$\frac{7}{10} =$$

$$\frac{7}{6} - \frac{1}{3} =$$

Convert to Decimal

$$\frac{3}{4} =$$

$$\text{Convert to Fraction}$$
$$.4 =$$

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{7}{8} / \frac{8}{9} =$$

Convert to Decimal

$$\frac{5}{8} =$$

$$\frac{6}{7} + \frac{4}{7} =$$

$$75\% \text{ of } 45 =$$

$$\frac{7}{8} / \frac{1}{8} =$$

$$\begin{array}{r} 409 \\ \times 6 \\ \hline \end{array}$$

$$\text{Convert to Decimal}$$
$$\frac{1}{2} =$$

$$\text{Convert to Decimal}$$
$$\frac{9}{10} =$$

$$\begin{array}{r} 71 \\ \times 9 \\ \hline \end{array}$$

$$\frac{3}{8} / \frac{2}{3} =$$

$$7 \overline{)38.8}$$

$$\frac{2}{5} - \frac{1}{5} =$$

$$6 \overline{)465}$$

$$\text{Convert to Decimal}$$
$$\frac{3}{10} =$$

$$\frac{8}{9} + \frac{2}{9} =$$

$$\begin{array}{r} 58.43 \\ + 5.45 \\ \hline \end{array}$$

$$\frac{2}{3} * \frac{9}{10} =$$

$$\text{Convert to Fraction}$$
$$.7 =$$

$$\begin{array}{r} 79.6 \\ \times 1.4 \\ \hline \end{array}$$

$$78 \overline{)702}$$

$$\begin{array}{r} 26.4 \\ \times 4.4 \\ \hline \end{array}$$

$$\text{Convert to Decimal}$$
$$\frac{1}{4} =$$

$$\text{Convert to Fraction}$$
$$.1 =$$

$$\text{Convert to Decimal}$$
$$\frac{1}{3} =$$

$$19 \overline{)96.9}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #4 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 6 \overline{) 48} \\ \underline{48} \\ 0 \end{array}$$

(1)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 599 \\ \times 5 \\ \hline 2995 \end{array}$$

(4)

$$\frac{7}{8} + \frac{9}{8} = 2$$

(1)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2) 10 (10)

$$\begin{array}{r} 4 \overline{) 130} \text{ r } 1 \\ \underline{16} \\ 121 \end{array}$$

(4)

$$\begin{array}{r} 136 \\ \times 8 \\ \hline 1088 \end{array}$$

(4)

$$80\% \text{ of } 46 = 36.8$$

(4)

$$\begin{array}{r} 27.65 \\ - 8.27 \\ \hline 19.38 \end{array}$$

(5)

$$\begin{array}{r} 53.6 \\ \times 7 \\ \hline 375.2 \end{array}$$

(5) 22 (32)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

$$\begin{array}{r} 56 \overline{) 871} \\ \underline{336} \\ 535 \end{array}$$

(4)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 5948 \\ 4901 \\ 407 \\ + 156 \\ \hline 11412 \end{array}$$

(5)

$$\begin{array}{r} 7 \overline{) 18.2} \\ \underline{14} \\ 42 \end{array}$$

(3) 17 (49)

$$\begin{array}{r} 20.28 \\ + 8.79 \\ \hline 29.07 \end{array}$$

(5)

$$\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$52\% \text{ of } 25 = 13$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2) 13 (62)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 82.57 \\ - 8.37 \\ \hline 74.2 \end{array}$$

(4)

$$33\% \text{ of } 25 = 8.25$$

(4)

$$\begin{array}{r} 44.1 \\ \times 3 \\ \hline 132.3 \end{array}$$

(5) 17 (79)

$$\begin{array}{r} 34 \\ \times 3.9 \\ \hline 132.6 \end{array}$$

(5)

$$\frac{7}{8} \div \frac{2}{3} = 1\frac{5}{16}$$

(4)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

$$\frac{3}{8} \times \frac{1}{3} = \frac{1}{8}$$

(2)

$$\frac{2}{3} + \frac{4}{9} = 1\frac{1}{9}$$

(3) 16 (95)

AIMSweb® Mathematics Computation 2 Progress Monitor #4 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

Convert to Decimal

$$\frac{3}{8} - \frac{1}{8} = \frac{1}{4}$$

(2)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4) 14 (109)

Convert to Decimal

$$\frac{5}{7} \div \frac{8}{9} = \frac{45}{56}$$

(4)

$$\frac{1}{5} = .2$$

(2)

$$\frac{9}{10} + \frac{1}{2} = 1\frac{2}{5}$$

(3)

25% of 11

$$= 2.75$$

(4)

$$\frac{5}{8} \div \frac{5}{7} = \frac{7}{8}$$

(2) 15 (124)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$$

(3)

$$\frac{6}{7} \div \frac{3}{4} = 1\frac{1}{7}$$

(3) 14 (138)

$$\begin{array}{r} 58 \\ 1 \overline{)58.0} \end{array}$$

(2)

$$\frac{3}{4} - \frac{3}{8} = \frac{3}{8}$$

(2)

$$\begin{array}{r} 10 \\ 9 \overline{)90} \end{array}$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$\frac{8}{9} + \frac{4}{9} = 1\frac{1}{3}$$

(3) 11 (149)

$$\begin{array}{r} 65.23 \\ + 8.72 \\ \hline 73.95 \end{array}$$

(5)

$$\frac{7}{8} \times \frac{2}{9} = \frac{7}{36}$$

(3)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 17.1 \\ \times 6.5 \\ \hline 111.15 \end{array}$$

(6)

$$\begin{array}{r} 18 \text{ r } 3 \\ 5 \overline{)93} \end{array}$$

(3) 20 (169)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$\begin{array}{r} 7.5 \\ 4 \overline{)30.0} \end{array}$$

(3) 17 (186)

AIMSweb® Mathematics Computation 2 Progress Monitor #4 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$6 \overline{)48}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 599 \\ \times 5 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{9}{8} =$$

Convert to Decimal
 $\frac{4}{5} =$

$$4 \overline{)521}$$

$$\begin{array}{r} 136 \\ \times 8 \\ \hline \end{array}$$

80% of 46
=

$$\begin{array}{r} 27.65 \\ - 8.27 \\ \hline \end{array}$$

$$\begin{array}{r} 53.6 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

$$56 \overline{)871}$$

Convert to Fraction
.75 =

$$\begin{array}{r} 5948 \\ 4901 \\ 407 \\ + 156 \\ \hline \end{array}$$

$$7 \overline{)18.2}$$

$$\begin{array}{r} 20.28 \\ + 8.79 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

Convert to Fraction
.2 =

52% of 25
=

Convert to Fraction
.25 =

Convert to Decimal
 $\frac{2}{5} =$

Convert to Fraction
.8 =

$$\begin{array}{r} 82.57 \\ - 8.37 \\ \hline \end{array}$$

33% of 25
=

$$\begin{array}{r} 44.1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 3.9 \\ \hline \end{array}$$

$$\frac{7}{8} \div \frac{2}{3} =$$

Convert to Fraction
.6 =

$$\frac{3}{8} * \frac{1}{3} =$$

$$\frac{2}{3} + \frac{4}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #4 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{7}{10} =$$

$$\frac{3}{8} - \frac{1}{8} =$$

Convert to Decimal

$$\frac{3}{4} =$$

Convert to Fraction
 $.1 =$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Decimal
 $\frac{5}{7} / \frac{8}{9} =$

Convert to Decimal
 $\frac{1}{5} =$

$$\frac{9}{10} + \frac{1}{2} =$$

25% of 11
 $=$

$$\frac{5}{8} / \frac{5}{7} =$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{2} =$

Convert to Decimal
 $\frac{1}{3} =$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$

$$\frac{6}{7} / \frac{3}{4} =$$

$$1 \overline{)58.0}$$

$$\frac{3}{4} - \frac{3}{8} =$$

$$9 \overline{)90}$$

Convert to Decimal
 $\frac{3}{5} =$

$$\frac{8}{9} + \frac{4}{9} =$$

$$\begin{array}{r} 65.23 \\ + 8.72 \\ \hline \end{array}$$

$$\frac{7}{8} * \frac{2}{9} =$$

Convert to Fraction
 $.7 =$

$$\begin{array}{r} 17.1 \\ \times 6.5 \\ \hline \end{array}$$

$$5 \overline{)93}$$

$$\begin{array}{r} 54.8 \\ \times 7.8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{9}{10} =$

Convert to Fraction
 $.4 =$

Convert to Decimal
 $\frac{7}{8} =$

$$4 \overline{)30.0}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #5 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 5 \\ 7 \overline{)35} \\ \hline \end{array} \quad \begin{array}{l} \text{Convert to Fraction} \\ .8 = \frac{4}{5} \end{array}$$

$$\begin{array}{r} 69 \\ \times 8 \\ \hline 552 \end{array} \quad \frac{4}{9} + \frac{7}{9} = 1\frac{2}{9}$$

$$\frac{1}{2} = .5 \quad \begin{array}{l} \text{Convert to Decimal} \\ (2) \quad 11 \quad (11) \end{array}$$

$$\begin{array}{r} 9 \text{ r } 15 \\ 67 \overline{)618} \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$$

$$75\% \text{ of } 19 = 14.25$$

$$\begin{array}{r} 31.99 \\ - 4.34 \\ \hline 27.65 \end{array}$$

$$\begin{array}{r} 20.3 \\ \times 3 \\ \hline 60.9 \end{array} \quad 19 \quad (30)$$

$$\frac{3}{5} = .6 \quad \begin{array}{l} \text{Convert to Decimal} \\ (2) \end{array}$$

$$\begin{array}{r} 6 \\ 11 \overline{)66} \\ \hline \end{array} \quad \begin{array}{l} \text{Convert to Fraction} \\ .1 = \frac{1}{10} \end{array}$$

$$\begin{array}{r} 7705 \\ 7424 \\ 5185 \\ + 3305 \\ \hline 23619 \end{array}$$

$$\begin{array}{r} 9.6 \\ 7 \overline{)67.2} \\ \hline \end{array} \quad 14 \quad (44)$$

$$\begin{array}{r} 89.05 \\ + 3.55 \\ \hline 92.6 \end{array}$$

$$\begin{array}{r} 99 \\ \times 2 \\ \hline 198 \end{array} \quad \begin{array}{l} \text{Convert to Fraction} \\ .2 = \frac{1}{5} \end{array}$$

$$25\% \text{ of } 23 = 5.75$$

$$.4 = \frac{2}{5} \quad \begin{array}{l} \text{Convert to Fraction} \\ (2) \quad 15 \quad (59) \end{array}$$

$$\frac{4}{5} = .8 \quad \begin{array}{l} \text{Convert to Decimal} \\ (2) \end{array}$$

$$.6 = \frac{3}{5} \quad \begin{array}{l} \text{Convert to Fraction} \\ (2) \end{array}$$

$$\begin{array}{r} 16.36 \\ - 2.98 \\ \hline 13.38 \end{array}$$

$$85\% \text{ of } 75 = 63.75$$

$$\begin{array}{r} 41.6 \\ \times 4 \\ \hline 166.4 \end{array} \quad 19 \quad (78)$$

$$\begin{array}{r} 96.2 \\ \times 4.5 \\ \hline 432.9 \end{array}$$

$$\frac{7}{9} \div \frac{9}{10} = \frac{70}{81}$$

$$.75 = \frac{3}{4} \quad \begin{array}{l} \text{Convert to Fraction} \\ (2) \end{array}$$

$$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

$$\frac{9}{10} + \frac{3}{10} = 1\frac{1}{5} \quad 16 \quad (94)$$

AIMSweb® Mathematics Computation 2 Progress Monitor #5 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

$$\frac{7}{4} - \frac{1}{4} = 1\frac{1}{2}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4) 13 (107)

$$\frac{1}{2} \div \frac{9}{10} = \frac{5}{9}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$\frac{6}{7} + \frac{3}{7} = 1\frac{2}{7}$$

(3)

29% of 25

$$= 7.25$$

(4)

$$\frac{4}{9} \div \frac{3}{4} = \frac{16}{27}$$

(4) 17 (124)

$$\begin{array}{r} 11 \\ \times 5 \\ \hline 55 \end{array}$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 937 \\ \times 56 \\ \hline 52472 \end{array}$$

(5)

$$\frac{4}{9} \div \frac{2}{3} = \frac{2}{3}$$

(2) 13 (137)

$$\begin{array}{r} 6.122 \\ 9 \overline{) 55.1} \end{array}$$

(5)

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

(2)

$$9 \overline{) 31} \text{ 3 r 4}$$

(2)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

$$\frac{1}{3} + \frac{4}{9} = \frac{7}{9}$$

(2) 13 (150)

$$\begin{array}{r} 97.55 \\ + 4.55 \\ \hline 102.1 \end{array}$$

(5)

$$\frac{1}{7} \times \frac{1}{8} = \frac{1}{56}$$

(3)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 18.8 \\ \times 3 \\ \hline 56.4 \end{array}$$

(4)

$$\begin{array}{r} 18 \\ 3 \overline{) 54} \end{array}$$

(2) 17 (167)

$$\begin{array}{r} 56.8 \\ \times 4.5 \\ \hline 255.6 \end{array}$$

(5)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

$$\begin{array}{r} 5.071 \\ 7 \overline{) 35.5} \end{array}$$

(5) 19 (186)

AIMSweb® Mathematics Computation 2 Progress Monitor #5 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$7 \overline{)35}$$

Convert to Fraction
.8 =

$$\begin{array}{r} 69 \\ \times 8 \\ \hline \end{array}$$

$$\frac{4}{9} + \frac{7}{9} =$$

Convert to Decimal
 $\frac{1}{2} =$

$$67 \overline{)618}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

75% of 19
=

$$\begin{array}{r} 31.99 \\ - 4.34 \\ \hline \end{array}$$

$$\begin{array}{r} 20.3 \\ \times 3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

$$11 \overline{)66}$$

Convert to Fraction
.1 =

$$\begin{array}{r} 7705 \\ 7424 \\ 5185 \\ + 3305 \\ \hline \end{array}$$

$$7 \overline{)67.2}$$

$$\begin{array}{r} 89.05 \\ + 3.55 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 2 \\ \hline \end{array}$$

Convert to Fraction
.2 =

25% of 23
=

Convert to Fraction
.4 =

Convert to Decimal
 $\frac{4}{5} =$

Convert to Fraction
.6 =

$$\begin{array}{r} 16.36 \\ - 2.98 \\ \hline \end{array}$$

85% of 75
=

$$\begin{array}{r} 41.6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 96.2 \\ \times 4.5 \\ \hline \end{array}$$

$$\frac{7}{9} \div \frac{9}{10} =$$

Convert to Fraction
.75 =

$$\frac{1}{2} * \frac{1}{2} =$$

$$\frac{9}{10} + \frac{3}{10} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #5 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

Convert to Decimal

$$\frac{7}{10} =$$

$$\frac{7}{4} - \frac{1}{4} =$$

Convert to Decimal

$$\frac{4}{5} =$$

$$\text{Convert to Fraction} \\ .75 =$$

Convert to Decimal

$$\frac{2}{3} =$$

$$\frac{1}{2} / \frac{9}{10} =$$

Convert to Decimal

$$\frac{1}{3} =$$

$$\frac{6}{7} + \frac{3}{7} =$$

$$29\% \text{ of } 25 =$$

$$\frac{4}{9} / \frac{3}{4} =$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{5} =$$

Convert to Decimal

$$\frac{9}{10} =$$

$$\begin{array}{r} 937 \\ \times 56 \\ \hline \end{array}$$

$$\frac{4}{9} / \frac{2}{3} =$$

$$9 \overline{)55.1}$$

$$\frac{5}{7} - \frac{2}{7} =$$

$$9 \overline{)31}$$

Convert to Decimal

$$\frac{3}{10} =$$

$$\frac{1}{3} + \frac{4}{9} =$$

$$\begin{array}{r} 97.55 \\ + 4.55 \\ \hline \end{array}$$

$$\frac{1}{7} * \frac{1}{8} =$$

$$\text{Convert to Fraction} \\ .7 =$$

$$\begin{array}{r} 18.8 \\ \times 3 \\ \hline \end{array}$$

$$3 \overline{)54}$$

$$\begin{array}{r} 56.8 \\ \times 4.5 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{2}{5} =$$

$$\text{Convert to Fraction} \\ .3 =$$

Convert to Decimal

$$\frac{3}{8} =$$

$$7 \overline{)35.5}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #6 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|---|---|--|---|---------|
| $\begin{array}{r} 12 \text{ r } 2 \\ 5 \overline{)62} \\ (3) \end{array}$ | <p>Convert to Fraction</p> $.5 = \frac{1}{2} \quad (2)$ | $\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \\ (2) \end{array}$ | $\frac{7}{8} + \frac{3}{8} = 1\frac{1}{4} \quad (3)$ | <p>Convert to Decimal</p> $\frac{7}{10} = .7 \quad (2)$ | 12 (12) |
|---|---|---|--|---|---------|

| | | | | | |
|--|--|--------------------------------------|--|--|---------|
| $\begin{array}{r} 14 \text{ r } 3 \\ 9 \overline{)129} \\ (3) \end{array}$ | $\begin{array}{r} 73 \\ \times 4 \\ \hline 292 \\ (3) \end{array}$ | <p>75% of 21</p> $= 15.75 \quad (5)$ | $\begin{array}{r} 7.13 \\ - 2.23 \\ \hline 4.9 \\ (3) \end{array}$ | $\begin{array}{r} 9 \\ \times 2.8 \\ \hline 25.2 \\ (4) \end{array}$ | 18 (30) |
|--|--|--------------------------------------|--|--|---------|

| | | | | | |
|--|--|--|--|---|---------|
| <p>Convert to Decimal</p> $\frac{5}{8} = .625 \quad (4)$ | $\begin{array}{r} 60 \text{ r } 2 \\ 9 \overline{)542} \\ (3) \end{array}$ | <p>Convert to Fraction</p> $.7 = \frac{7}{10} \quad (3)$ | $\begin{array}{r} 5600 \\ 3475 \\ 1940 \\ + 1199 \\ \hline 12214 \\ (5) \end{array}$ | $\begin{array}{r} 4.544 \\ 9 \overline{)40.9} \\ (5) \end{array}$ | 20 (50) |
|--|--|--|--|---|---------|

| | | | | | |
|---|--|---|-------------------------------------|--|---------|
| $\begin{array}{r} 80.48 \\ + 6.25 \\ \hline 86.73 \\ (5) \end{array}$ | $\begin{array}{r} 84 \\ \times 7 \\ \hline 588 \\ (3) \end{array}$ | <p>Convert to Fraction</p> $.6 = \frac{3}{5} \quad (2)$ | <p>90% of 52</p> $= 46.8 \quad (4)$ | <p>Convert to Fraction</p> $.25 = \frac{1}{4} \quad (2)$ | 16 (66) |
|---|--|---|-------------------------------------|--|---------|

| | | | | | |
|--|--|--|-------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{2}{5} = .4 \quad (2)$ | <p>Convert to Fraction</p> $.9 = \frac{9}{10} \quad (3)$ | $\begin{array}{r} 67.81 \\ - 5.7 \\ \hline 62.11 \\ (5) \end{array}$ | <p>25% of 25</p> $= 6.25 \quad (4)$ | $\begin{array}{r} 92.6 \\ \times 4 \\ \hline 370.4 \\ (5) \end{array}$ | 19 (85) |
|--|--|--|-------------------------------------|--|---------|

| | | | | | |
|---|--|---|--|--|----------|
| $\begin{array}{r} 8.3 \\ \times 4.4 \\ \hline 36.52 \\ (5) \end{array}$ | $\frac{8}{9} \div \frac{7}{8} = 1\frac{1}{63} \quad (4)$ | <p>Convert to Fraction</p> $.2 = \frac{1}{5} \quad (2)$ | $\frac{3}{8} \times \frac{1}{3} = \frac{1}{8} \quad (2)$ | $\frac{6}{7} + \frac{2}{7} = 1\frac{1}{7} \quad (3)$ | 16 (101) |
|---|--|---|--|--|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #6 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\frac{2}{3} - \frac{1}{6} = \frac{1}{2}$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

13 (114)

$$\frac{1}{2} / \frac{7}{9} = \frac{9}{14}$$

(3)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$\frac{1}{7} + \frac{5}{7} = \frac{6}{7}$$

(2)

95% of 75

$$= 71.25$$

(5)

$$\frac{8}{9} / \frac{1}{3} = 2\frac{2}{3}$$

(3)

15 (129)

$$\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

$$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$$

(2)

$$\frac{9}{10} / \frac{2}{3} = 1\frac{7}{20}$$

(4)

15 (144)

$$10 \overline{)11.0}$$

(3)

$$\frac{9}{8} - \frac{3}{4} = \frac{3}{8}$$

(2)

$$5 \overline{)15}$$

(1)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$\frac{8}{9} + \frac{8}{9} = 1\frac{7}{9}$$

(3)

13 (157)

$$\begin{array}{r} 36.79 \\ + 2.12 \\ \hline 38.91 \end{array}$$

(5)

$$\frac{1}{4} * \frac{2}{3} = \frac{1}{6}$$

(2)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\begin{array}{r} 8.7 \\ \times 8.5 \\ \hline 73.95 \end{array}$$

(5)

$$51 \overline{)142} \quad 2 \text{ r } 40$$

(3)

17 (174)

$$\begin{array}{r} 22.1 \\ \times 7.6 \\ \hline 167.96 \end{array}$$

(6)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

$$6 \overline{)34.8}$$

(3)

19 (193)

AIMSweb® Mathematics Computation 2 Progress Monitor #6 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$5 \overline{)62}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{3}{8} =$$

Convert to Decimal
 $\frac{7}{10} =$

$$9 \overline{)129}$$

$$\begin{array}{r} 73 \\ \times 4 \\ \hline \end{array}$$

75% of 21
=

$$\begin{array}{r} 7.13 \\ - 2.23 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2.8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

$$9 \overline{)542}$$

Convert to Fraction
.7 =

$$\begin{array}{r} 5600 \\ 3475 \\ 1940 \\ + 1199 \\ \hline \end{array}$$

$$9 \overline{)40.9}$$

$$\begin{array}{r} 80.48 \\ + 6.25 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ \times 7 \\ \hline \end{array}$$

Convert to Fraction
.6 =

90% of 52
=

Convert to Fraction
.25 =

Convert to Decimal
 $\frac{2}{5} =$

Convert to Fraction
.9 =

$$\begin{array}{r} 67.81 \\ - 5.7 \\ \hline \end{array}$$

25% of 25
=

$$\begin{array}{r} 92.6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8.3 \\ \times 4.4 \\ \hline \end{array}$$

$$\frac{8}{9} \div \frac{7}{8} =$$

Convert to Fraction
.2 =

$$\frac{3}{8} * \frac{1}{3} =$$

$$\frac{6}{7} + \frac{2}{7} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #6 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{2}{3} - \frac{1}{6} =$$

Convert to Decimal

$$\frac{3}{5} =$$

Convert to Fraction
 $.8 =$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Decimal
 $\frac{1}{2} / \frac{7}{9} =$

Convert to Decimal
 $\frac{1}{5} =$

$$\frac{1}{7} + \frac{5}{7} =$$

95% of 75
 $=$

$$\frac{8}{9} / \frac{1}{3} =$$

Convert to Decimal
 $\frac{4}{5} =$

Convert to Decimal
 $\frac{1}{8} =$

$$\frac{7}{x7}$$

$$\frac{9}{10} / \frac{2}{3} =$$

$$10 \overline{)11.0}$$

$$\frac{9}{8} - \frac{3}{4} =$$

$$5 \overline{)15}$$

Convert to Decimal
 $\frac{1}{3} =$

$$\frac{8}{9} + \frac{8}{9} =$$

$$\begin{array}{r} 36.79 \\ + 2.12 \\ \hline \end{array}$$

$$\frac{1}{4} * \frac{2}{3} =$$

Convert to Fraction
 $.4 =$

$$\begin{array}{r} 8.7 \\ \times 8.5 \\ \hline \end{array}$$

$$51 \overline{)142}$$

Convert to Decimal
 $\frac{3}{8} =$

Convert to Fraction
 $.3 =$

Convert to Decimal
 $\frac{1}{4} =$

$$6 \overline{)34.8}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #7 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|--|--|--|--|---------|
| $\begin{array}{r} 8 \\ 5 \overline{)40} \\ (1) \end{array}$ | Convert to Fraction $.4 = \frac{2}{5}$ (2) | $\begin{array}{r} 23 \\ \times 7 \\ \hline 161 \\ (3) \end{array}$ | $\frac{5}{9} + \frac{1}{9} = \frac{2}{3}$ (2) | Convert to Decimal $\frac{3}{4} = .75$ (3) | 11 (11) |
|---|--|--|--|--|---------|

| | | | | | |
|--|--|------------------------------------|---|--|---------|
| $\begin{array}{r} 42 \text{ r } 3 \\ 4 \overline{)171} \\ (3) \end{array}$ | $\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \\ (2) \end{array}$ | 75% of 59 = 44.25 (5) | $\begin{array}{r} 40.58 \\ - 9.44 \\ \hline 31.14 \\ (5) \end{array}$ | $\begin{array}{r} 9 \\ \times 2.4 \\ \hline 21.6 \\ (4) \end{array}$ | 19 (30) |
|--|--|------------------------------------|---|--|---------|

| | | | | | |
|---|--|--|--|---|---------|
| Convert to Decimal $\frac{1}{2} = .5$ (2) | $\begin{array}{r} 13 \\ 4 \overline{)52} \\ (2) \end{array}$ | Convert to Fraction $.8 = \frac{4}{5}$ (2) | $\begin{array}{r} 9455 \\ 5155 \\ 4724 \\ + 2015 \\ \hline 21349 \\ (5) \end{array}$ | $\begin{array}{r} 4.6 \\ 8 \overline{)36.8} \\ (3) \end{array}$ | 14 (44) |
|---|--|--|--|---|---------|

| | | | | | |
|---|--|--|------------------------------------|---|---------|
| $\begin{array}{r} 73.64 \\ + 6.91 \\ \hline 80.55 \\ (5) \end{array}$ | $\begin{array}{r} 349 \\ \times 3 \\ \hline 1047 \\ (4) \end{array}$ | Convert to Fraction $.6 = \frac{3}{5}$ (2) | 77% of 25 = 19.25 (5) | Convert to Fraction $.3 = \frac{3}{10}$ (3) | 19 (63) |
|---|--|--|------------------------------------|---|---------|

| | | | | | |
|---|---|--|------------------------------------|--|---------|
| Convert to Decimal $\frac{1}{3} = .333$ (4) | Convert to Fraction $.7 = \frac{7}{10}$ (3) | $\begin{array}{r} 61.59 \\ - 6.5 \\ \hline 55.09 \\ (5) \end{array}$ | 75% of 29 = 21.75 (5) | $\begin{array}{r} 73.6 \\ \times 8 \\ \hline 588.8 \\ (5) \end{array}$ | 22 (85) |
|---|---|--|------------------------------------|--|---------|

| | | | | | |
|---|---|--|---|--|----------|
| $\begin{array}{r} 76.8 \\ \times 6.6 \\ \hline 506.88 \\ (6) \end{array}$ | $\frac{3}{5} \div \frac{2}{7} = 2\frac{1}{10}$ (4) | Convert to Fraction $.2 = \frac{1}{5}$ (2) | $\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$ (2) | $\frac{3}{8} + \frac{3}{8} = \frac{3}{4}$ (2) | 16 (101) |
|---|---|--|---|--|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #7 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$\frac{4}{9} - \frac{2}{9} = \frac{2}{9}$$

(2)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

12 (113)

$$\frac{7}{8} / \frac{1}{2} = 1\frac{3}{4}$$

(3)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\frac{5}{7} + \frac{2}{7} = 1$$

(1)

50% of 12

$$= 6$$

(1)

$$\frac{2}{3} / \frac{3}{7} = 1\frac{5}{9}$$

(3)

12 (125)

$$\begin{array}{r} 11 \\ \times 8 \\ \hline 88 \end{array}$$

(2)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

$$\begin{array}{r} 897 \\ \times 2 \\ \hline 1794 \end{array}$$

(4)

$$\frac{8}{9} / \frac{6}{7} = 1\frac{1}{27}$$

(4)

17 (142)

$$10 \overline{)82.0}$$

(3)

$$\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$$

(2)

$$7 \overline{)84}$$

(2)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$\frac{5}{8} + \frac{1}{2} = 1\frac{1}{8}$$

(3)

14 (156)

$$\begin{array}{r} 99.88 \\ + 9.34 \\ \hline 109.22 \end{array}$$

(6)

$$\frac{9}{10} * \frac{1}{2} = \frac{9}{20}$$

(3)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 23.9 \\ \times 9.5 \\ \hline 227.05 \end{array}$$

(6)

$$4 \overline{)69} \text{ } 17 \text{ r } 1$$

(3)

20 (176)

$$\begin{array}{r} 8.5 \\ \times 6.3 \\ \hline 53.55 \end{array}$$

(5)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$5 \overline{)6.5}$$

(3)

15 (191)

AIMSweb® Mathematics Computation 2 Progress Monitor #7 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$5 \overline{)40}$$

Convert to Fraction
 $.4 =$

$$\begin{array}{r} 23 \\ \times 7 \\ \hline \end{array}$$

$$\frac{5}{9} + \frac{1}{9} =$$

Convert to Decimal
 $\frac{3}{4} =$

$$4 \overline{)171}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

75% of 59
 $=$

$$\begin{array}{r} 40.58 \\ - 9.44 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2.4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{2} =$

$$4 \overline{)52}$$

Convert to Fraction
 $.8 =$

$$\begin{array}{r} 9455 \\ 5155 \\ 4724 \\ + 2015 \\ \hline \end{array}$$

$$8 \overline{)36.8}$$

$$\begin{array}{r} 73.64 \\ + 6.91 \\ \hline \end{array}$$

$$\begin{array}{r} 349 \\ \times 3 \\ \hline \end{array}$$

Convert to Fraction
 $.6 =$

77% of 25
 $=$

Convert to Fraction
 $.3 =$

Convert to Decimal
 $\frac{1}{3} =$

Convert to Fraction
 $.7 =$

$$\begin{array}{r} 61.59 \\ - 6.5 \\ \hline \end{array}$$

75% of 29
 $=$

$$\begin{array}{r} 73.6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 76.8 \\ \times 6.6 \\ \hline \end{array}$$

$$\frac{3}{5} \div \frac{2}{7} =$$

Convert to Fraction
 $.2 =$

$$\frac{2}{3} * \frac{1}{2} =$$

$$\frac{3}{8} + \frac{3}{8} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #7 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{4}{9} - \frac{2}{9} =$$

Convert to Decimal

$$\frac{5}{8} =$$

Convert to Fraction
.75 =

Convert to Decimal

$$\frac{1}{10} =$$

Convert to Decimal
 $\frac{7}{8} / \frac{1}{2} =$

Convert to Decimal
 $\frac{2}{3} =$

$$\frac{5}{7} + \frac{2}{7} =$$

50% of 12
=

$$\frac{2}{3} / \frac{3}{7} =$$

$$\begin{array}{r} 11 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

Convert to Decimal
 $\frac{1}{8} =$

$$\begin{array}{r} 897 \\ \times 2 \\ \hline \end{array}$$

$$\frac{8}{9} / \frac{6}{7} =$$

$$10 \overline{)82.0}$$

$$\frac{4}{5} - \frac{1}{5} =$$

$$7 \overline{)84}$$

Convert to Decimal
 $\frac{7}{8} =$

$$\frac{5}{8} + \frac{1}{2} =$$

$$\begin{array}{r} 99.88 \\ + 9.34 \\ \hline \end{array}$$

$$\frac{9}{10} * \frac{1}{2} =$$

Convert to Fraction
.25 =

$$\begin{array}{r} 23.9 \\ \times 9.5 \\ \hline \end{array}$$

$$4 \overline{)69}$$

$$\begin{array}{r} 8.5 \\ \times 6.3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

Convert to Fraction
.9 =

Convert to Decimal
 $\frac{4}{5} =$

$$5 \overline{)6.5}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #8 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|--|--|---|---|---------|
| $\begin{array}{r} 32 \text{ r } 2 \\ 3 \overline{)98} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | $\begin{array}{r} 36 \\ \times 7 \\ \hline 252 \end{array}$ <p>(3)</p> | $\frac{3}{8} + \frac{7}{8} = 1\frac{1}{4}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p> | 13 (13) |
|---|--|--|---|---|---------|

| | | | | | |
|---|---|--------------------------------------|---|--|---------|
| $\begin{array}{r} 8 \text{ r } 40 \\ 56 \overline{)488} \end{array}$ <p>(3)</p> | $\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array}$ <p>(2)</p> | <p>62% of 40</p> $= 24.8$ <p>(4)</p> | $\begin{array}{r} 67.09 \\ - 3.23 \\ \hline 63.86 \end{array}$ <p>(5)</p> | $\begin{array}{r} 90.1 \\ \times 4 \\ \hline 360.4 \end{array}$ <p>(5)</p> | 19 (32) |
|---|---|--------------------------------------|---|--|---------|

| | | | | | |
|---|---|--|--|---|---------|
| <p>Convert to Decimal</p> $\frac{3}{5} = .6$ <p>(2)</p> | $\begin{array}{r} 20 \\ 6 \overline{)120} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 9217 \\ 6364 \\ 1902 \\ + 1815 \\ \hline 19298 \end{array}$ <p>(5)</p> | $\begin{array}{r} 5.8 \\ 6 \overline{)34.8} \end{array}$ <p>(3)</p> | 14 (46) |
|---|---|--|--|---|---------|

| | | | | | |
|--|--|--|------------------------------------|--|---------|
| $\begin{array}{r} 39.94 \\ + 3.96 \\ \hline 43.9 \end{array}$ <p>(4)</p> | $\begin{array}{r} 50 \\ \times 7 \\ \hline 350 \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | <p>75% of 60</p> $= 45$ <p>(2)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | 13 (59) |
|--|--|--|------------------------------------|--|---------|

| | | | | | |
|--|---|--|--------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p> | <p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p> | $\begin{array}{r} 9.05 \\ - 8.68 \\ \hline .37 \end{array}$ <p>(3)</p> | <p>87% of 50</p> $= 43.5$ <p>(4)</p> | $\begin{array}{r} 64 \\ \times 3 \\ \hline 192 \end{array}$ <p>(3)</p> | 16 (75) |
|--|---|--|--------------------------------------|--|---------|

| | | | | | |
|--|--|---|---|--|---------|
| $\begin{array}{r} 15.4 \\ \times 1.2 \\ \hline 18.48 \end{array}$ <p>(5)</p> | $\frac{3}{4} \div \frac{5}{8} = 1\frac{1}{5}$ <p>(3)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | $\frac{2}{3} \times \frac{8}{9} = \frac{16}{27}$ <p>(4)</p> | $\frac{4}{9} + \frac{1}{3} = \frac{7}{9}$ <p>(2)</p> | 16 (91) |
|--|--|---|---|--|---------|

AIMSweb® Mathematics Computation 2 Progress Monitor #8 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

$$\frac{2}{3} - \frac{1}{6} = \frac{1}{2}$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

13 (104)

$$\frac{7}{8} / \frac{3}{4} = 1\frac{1}{6}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{1}{3} + \frac{4}{3} = 1\frac{2}{3}$$

(3)

68% of 25

$$= 17$$

(2)

$$\frac{7}{8} / \frac{1}{3} = 2\frac{5}{8}$$

(3)

13 (117)

$$\begin{array}{r} 62 \\ \times 8 \\ \hline 496 \end{array}$$

(3)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\begin{array}{r} 578 \\ \times 26 \\ \hline 15028 \end{array}$$

(5)

$$\frac{6}{7} / \frac{5}{7} = 1\frac{1}{5}$$

(3)

18 (135)

$$7 \overline{) 11.929} \quad 83.5$$

(6)

$$\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$$

(2)

$$8 \overline{) 40} \quad 5$$

(1)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{7}{8} + \frac{1}{2} = 1\frac{3}{8}$$

(3)

14 (149)

$$\begin{array}{r} 73.77 \\ + 3.37 \\ \hline 77.14 \end{array}$$

(5)

$$\frac{2}{3} * \frac{8}{9} = \frac{16}{27}$$

(4)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

$$\begin{array}{r} 34.1 \\ \times 7.2 \\ \hline 245.52 \end{array}$$

(6)

$$8 \overline{) 105} \text{ r } 4 \quad 844$$

(4)

22 (171)

$$\begin{array}{r} 96.9 \\ \times 4.8 \\ \hline 465.12 \end{array}$$

(6)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$6 \overline{) 8.2} \quad 49.2$$

(3)

20 (191)

AIMSweb® Mathematics Computation 2 Progress Monitor #8 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$3 \overline{)98}$$

Convert to Fraction
.8 =

$$\begin{array}{r} 36 \\ \times 7 \\ \hline \end{array}$$

$$\frac{3}{8} + \frac{7}{8} =$$

Convert to Decimal
 $\frac{2}{5} =$

$$56 \overline{)488}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

62% of 40
=

$$\begin{array}{r} 67.09 \\ - 3.23 \\ \hline \end{array}$$

$$\begin{array}{r} 90.1 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

$$6 \overline{)120}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 9217 \\ 6364 \\ 1902 \\ + 1815 \\ \hline \end{array}$$

$$6 \overline{)34.8}$$

$$\begin{array}{r} 39.94 \\ + 3.96 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 7 \\ \hline \end{array}$$

Convert to Fraction
.4 =

75% of 60
=

Convert to Fraction
.2 =

Convert to Decimal
 $\frac{1}{4} =$

Convert to Fraction
.7 =

$$\begin{array}{r} 9.05 \\ - 8.68 \\ \hline \end{array}$$

87% of 50
=

$$\begin{array}{r} 64 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 15.4 \\ \times 1.2 \\ \hline \end{array}$$

$$\frac{3}{4} \div \frac{5}{8} =$$

Convert to Fraction
.75 =

$$\frac{2}{3} * \frac{8}{9} =$$

$$\frac{4}{9} + \frac{1}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #8 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{1}{2} =$$

$$\frac{2}{3} - \frac{1}{6} =$$

Convert to Decimal

$$\frac{9}{10} =$$

Convert to Fraction
 $.3 =$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Decimal
 $\frac{7}{8} / \frac{3}{4} =$

Convert to Decimal
 $\frac{4}{5} =$

$$\frac{1}{3} + \frac{4}{3} =$$

68% of 25
 $=$

$$\frac{7}{8} / \frac{1}{3} =$$

Convert to Decimal
 $\frac{1}{8} =$

Convert to Decimal
 $\frac{3}{4} =$

$$\begin{array}{r} 578 \\ \times 26 \\ \hline \end{array}$$

$$\frac{6}{7} / \frac{5}{7} =$$

$$7 \overline{)83.5}$$

$$\frac{2}{3} - \frac{1}{2} =$$

Convert to Decimal
 $\frac{4}{5} =$

$$\frac{7}{8} + \frac{1}{2} =$$

$$\begin{array}{r} 73.77 \\ + 3.37 \\ \hline \end{array}$$

$$\frac{2}{3} * \frac{8}{9} =$$

Convert to Fraction
 $.3 =$

$$\begin{array}{r} 34.1 \\ \times 7.2 \\ \hline \end{array}$$

$$8 \overline{)844}$$

Convert to Decimal
 $\frac{3}{8} =$

Convert to Fraction
 $.9 =$

Convert to Decimal
 $\frac{1}{3} =$

$$6 \overline{)49.2}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #9 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 6 \\ 11 \overline{)66} \\ \underline{66} \\ 0 \end{array}$$

(1)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

$$\begin{array}{r} 704 \\ \times 92 \\ \hline 64768 \end{array}$$

(5)

$$\frac{2}{3} + \frac{3}{2} = 2\frac{1}{6}$$

(3)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

13 (13)

$$\begin{array}{r} 25 \text{ r } 2 \\ 3 \overline{)77} \\ \underline{66} \\ 11 \end{array}$$

(3)

$$\begin{array}{r} 420 \\ \times 66 \\ \hline 27720 \end{array}$$

(5)

39% of 25

$$= 9.75$$

(4)

$$\begin{array}{r} 91.28 \\ - 2.76 \\ \hline 88.52 \end{array}$$

(5)

$$\begin{array}{r} 34.8 \\ \times 4 \\ \hline 139.2 \end{array}$$

(5)

22 (35)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\begin{array}{r} 118 \text{ r } 4 \\ 7 \overline{)830} \\ \underline{56} \\ 270 \\ \underline{252} \\ 180 \\ \underline{140} \\ 40 \end{array}$$

(4)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 7737 \\ 6022 \\ 5764 \\ + 5106 \\ \hline 24629 \end{array}$$

(5)

$$\begin{array}{r} 5.7 \\ 8 \overline{)45.6} \\ \underline{40} \\ 56 \\ \underline{48} \\ 80 \\ \underline{80} \\ 0 \end{array}$$

(3)

16 (51)

$$\begin{array}{r} 35.94 \\ + 6.56 \\ \hline 42.5 \end{array}$$

(4)

$$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

25% of 16

$$= 4$$

(1)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

11 (62)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

$$\begin{array}{r} 4.2 \\ - 2.39 \\ \hline 1.81 \end{array}$$

(4)

25% of 24

$$= 6$$

(1)

$$\begin{array}{r} 52.3 \\ \times 8 \\ \hline 418.4 \end{array}$$

(5)

17 (79)

$$\begin{array}{r} 44.2 \\ \times 6.8 \\ \hline 300.56 \end{array}$$

(6)

$$\frac{1}{6} \div \frac{8}{9} = \frac{3}{16}$$

(3)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\frac{7}{9} \times \frac{6}{7} = \frac{2}{3}$$

(2)

$$\frac{4}{9} + \frac{2}{9} = \frac{2}{3}$$

(2)

16 (95)

AIMSweb® Mathematics Computation 2 Progress Monitor #9 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Decimal

$$\frac{1}{2} - \frac{1}{4} = \frac{1}{4}$$

(2)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

11 (106)

Convert to Decimal

$$\frac{1}{3} / \frac{1}{6} = 2$$

(1)

$$\frac{1}{3} = .333$$

(4)

$$\frac{7}{8} + \frac{3}{4} = 1\frac{5}{8}$$

(3)

40% of 29

$$= 11.6$$

(4)

$$\frac{3}{4} / \frac{5}{7} = 1\frac{1}{20}$$

(4)

16 (122)

Convert to Decimal

$$\begin{array}{r} 35 \\ \times 2 \\ \hline 70 \end{array}$$

(2)

$$\frac{3}{10} = .3$$

(2)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$\begin{array}{r} 16 \\ \times 3 \\ \hline 48 \end{array}$$

(2)

$$\frac{7}{8} / \frac{5}{8} = 1\frac{2}{5}$$

(3)

13 (135)

$$\begin{array}{r} 7.15 \\ 2 \overline{)14.3} \end{array}$$

(4)

$$1 - \frac{8}{9} = \frac{1}{9}$$

(2)

$$85 \overline{)199} \text{ 2 r 29}$$

(3)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\frac{8}{9} + \frac{1}{3} = 1\frac{2}{9}$$

(3)

15 (150)

$$\begin{array}{r} 48.43 \\ + 8.82 \\ \hline 57.25 \end{array}$$

(5)

$$\frac{2}{3} * \frac{3}{4} = \frac{1}{2}$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 17.2 \\ \times 6.1 \\ \hline 104.92 \end{array}$$

(6)

$$9 \overline{)81} \text{ 9}$$

(1)

17 (167)

$$\begin{array}{r} 71.9 \\ \times 6.2 \\ \hline 445.78 \end{array}$$

(6)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$9 \overline{)27.9} \text{ 3.1}$$

(3)

17 (184)

AIMSweb® Mathematics Computation 2 Progress Monitor #9 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$11 \overline{)66}$$

Convert to Fraction
.6 =

$$\begin{array}{r} 704 \\ \times 92 \\ \hline \end{array}$$

$$\frac{2}{3} + \frac{3}{2} =$$

Convert to Decimal
 $\frac{1}{2} =$

$$3 \overline{)77}$$

$$\begin{array}{r} 420 \\ \times 66 \\ \hline \end{array}$$

39% of 25
=

$$\begin{array}{r} 91.28 \\ - 2.76 \\ \hline \end{array}$$

$$\begin{array}{r} 34.8 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

$$7 \overline{)830}$$

Convert to Fraction
.2 =

$$\begin{array}{r} 7737 \\ 6022 \\ 5764 \\ + 5106 \\ \hline \end{array}$$

$$8 \overline{)45.6}$$

$$\begin{array}{r} 35.94 \\ + 6.56 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

Convert to Fraction
.25 =

25% of 16
=

Convert to Fraction
.75 =

Convert to Decimal
 $\frac{2}{3} =$

Convert to Fraction
.1 =

$$\begin{array}{r} 4.2 \\ - 2.39 \\ \hline \end{array}$$

25% of 24
=

$$\begin{array}{r} 52.3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 44.2 \\ \times 6.8 \\ \hline \end{array}$$

$$\frac{1}{6} \div \frac{8}{9} =$$

Convert to Fraction
.9 =

$$\frac{7}{9} * \frac{6}{7} =$$

$$\frac{4}{9} + \frac{2}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #9 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{1}{2} - \frac{1}{4} =$$

Convert to Decimal

$$\frac{2}{5} =$$

Convert to Fraction
 $.5 =$

Convert to Decimal

$$\frac{1}{4} =$$

Convert to Decimal
 $\frac{1}{3} / \frac{1}{6} =$

Convert to Decimal
 $\frac{1}{3} =$

$$\frac{7}{8} + \frac{3}{4} =$$

40% of 29
 $=$

$$\frac{3}{4} / \frac{5}{7} =$$

$$\begin{array}{r} 35 \\ \times 2 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{10} =$

Convert to Decimal
 $\frac{7}{8} =$

$$\begin{array}{r} 16 \\ \times 3 \\ \hline \end{array}$$

$$\frac{7}{8} / \frac{5}{8} =$$

$$2 \overline{)14.3}$$

$$1 - \frac{8}{9} =$$

$$85 \overline{)199}$$

Convert to Decimal
 $\frac{3}{4} =$

$$\frac{8}{9} + \frac{1}{3} =$$

$$\begin{array}{r} 48.43 \\ + 8.82 \\ \hline \end{array}$$

$$\frac{2}{3} * \frac{3}{4} =$$

Convert to Fraction
 $.7 =$

$$\begin{array}{r} 17.2 \\ \times 6.1 \\ \hline \end{array}$$

$$9 \overline{)81}$$

$$\begin{array}{r} 71.9 \\ \times 6.2 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

Convert to Fraction
 $.8 =$

Convert to Decimal
 $\frac{1}{5} =$

$$9 \overline{)27.9}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #10 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 25 \\ 2 \overline{)50} \\ \hline \end{array} \quad \begin{array}{l} \text{Convert to Fraction} \\ .5 = \frac{1}{2} \end{array}$$

$$\begin{array}{r} 60 \\ \times 50 \\ \hline 3000 \end{array} \quad \frac{1}{6} + \frac{1}{2} = \frac{2}{3} \quad \begin{array}{l} \text{Convert to Decimal} \\ \frac{1}{4} = .25 \end{array}$$

$$\begin{array}{r} 9 \text{ r } 1 \\ 8 \overline{)73} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array} \quad 75\% \text{ of } 23 = 17.25$$

$$\begin{array}{r} 85.73 \\ - 3.58 \\ \hline 82.15 \end{array} \quad \begin{array}{r} 72.1 \\ \times 8 \\ \hline 576.8 \end{array}$$

$$\begin{array}{l} \text{Convert to Decimal} \\ \frac{7}{8} = .875 \end{array}$$

$$\begin{array}{r} 1 \text{ r } 7 \\ 8 \overline{)15} \\ \hline \end{array} \quad \begin{array}{l} \text{Convert to Fraction} \\ .2 = \frac{1}{5} \end{array}$$

$$\begin{array}{r} 6030 \\ 3711 \\ 1973 \\ + 1464 \\ \hline 13178 \end{array} \quad \begin{array}{r} 41.5 \\ 2 \overline{)83.0} \\ \hline \end{array}$$

$$\begin{array}{r} 7.56 \\ + 5.62 \\ \hline 13.18 \end{array}$$

$$\begin{array}{r} 171 \\ \times 43 \\ \hline 7353 \end{array} \quad \begin{array}{l} \text{Convert to Fraction} \\ .25 = \frac{1}{4} \end{array}$$

$$35\% \text{ of } 25 = 8.75 \quad \begin{array}{l} \text{Convert to Fraction} \\ .4 = \frac{2}{5} \end{array}$$

$$\begin{array}{l} \text{Convert to Decimal} \\ \frac{3}{5} = .6 \end{array}$$

$$\begin{array}{l} \text{Convert to Fraction} \\ .75 = \frac{3}{4} \end{array}$$

$$\begin{array}{r} 74.04 \\ - 1.18 \\ \hline 72.86 \end{array} \quad 75\% \text{ of } 12 = 9$$

$$\begin{array}{r} 93.1 \\ \times 3 \\ \hline 279.3 \end{array}$$

$$\begin{array}{r} 26.2 \\ \times 9.6 \\ \hline 251.52 \end{array}$$

$$\frac{1}{8} \div \frac{2}{3} = \frac{3}{16} \quad \begin{array}{l} \text{Convert to Fraction} \\ .1 = \frac{1}{10} \end{array}$$

$$\frac{8}{9} \times \frac{8}{9} = \frac{64}{81} \quad \frac{4}{7} + \frac{4}{7} = 1\frac{1}{7}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #10 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Decimal

$$\frac{4}{7} - \frac{1}{7} = \frac{3}{7}$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

12 (112)

$$\frac{8}{9} \div 1 = \frac{8}{9}$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$\frac{2}{5} + \frac{4}{5} = 1\frac{1}{5}$$

(3)

80% of 17

$$= 13.6$$

(4)

$$\frac{5}{7} \div \frac{1}{4} = 2\frac{6}{7}$$

(3)

14 (126)

$$\begin{array}{r} 39 \\ \times 7 \\ \hline 273 \end{array}$$

(3)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

(2)

$$\frac{4}{7} \div \frac{1}{2} = 1\frac{1}{7}$$

(3)

12 (138)

$$\begin{array}{r} 9.75 \\ 4 \overline{)39.0} \end{array}$$

(4)

$$\frac{5}{9} - \frac{2}{9} = \frac{1}{3}$$

(2)

$$49 \overline{)77} \quad 1 \text{ r } 28$$

(3)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$\frac{1}{2} + \frac{7}{4} = 2\frac{1}{4}$$

(3)

16 (154)

$$\begin{array}{r} 57.34 \\ + 8.5 \\ \hline 65.84 \end{array}$$

(5)

$$\frac{3}{4} \times \frac{8}{9} = \frac{2}{3}$$

(2)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

$$\begin{array}{r} 66.7 \\ \times 7.9 \\ \hline 526.93 \end{array}$$

(6)

$$5 \overline{)678} \quad 135 \text{ r } 3$$

(4)

19 (173)

$$\begin{array}{r} 52.7 \\ \times 4.9 \\ \hline 258.23 \end{array}$$

(6)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

$$4 \overline{)32.4}$$

(3)

18 (191)

AIMSweb® Mathematics Computation 2 Progress Monitor #10 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

| | | | | |
|-------------------|-----------------------------|--|-------------------------------|---------------------------------------|
| $2\overline{)50}$ | Convert to Fraction .5 = | $\begin{array}{r} 60 \\ \times 50 \\ \hline \end{array}$ | $\frac{1}{6} + \frac{1}{2} =$ | Convert to Decimal $\frac{1}{4} =$ |
|-------------------|-----------------------------|--|-------------------------------|---------------------------------------|

| | | | | |
|-------------------|--|----------------|--|---|
| $8\overline{)73}$ | $\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$ | 75% of 23 = | $\begin{array}{r} 85.73 \\ - 3.58 \\ \hline \end{array}$ | $\begin{array}{r} 72.1 \\ \times 8 \\ \hline \end{array}$ |
|-------------------|--|----------------|--|---|

| | | | | |
|---------------------------------------|-------------------|-----------------------------|---|---------------------|
| Convert to Decimal $\frac{7}{8} =$ | $8\overline{)15}$ | Convert to Fraction .2 = | $\begin{array}{r} 6030 \\ 3711 \\ 1973 \\ + 1464 \\ \hline \end{array}$ | $2\overline{)83.0}$ |
|---------------------------------------|-------------------|-----------------------------|---|---------------------|

| | | | | |
|---|---|------------------------------|----------------|-----------------------------|
| $\begin{array}{r} 7.56 \\ + 5.62 \\ \hline \end{array}$ | $\begin{array}{r} 171 \\ \times 43 \\ \hline \end{array}$ | Convert to Fraction .25 = | 35% of 25 = | Convert to Fraction .4 = |
|---|---|------------------------------|----------------|-----------------------------|

| | | | | |
|---------------------------------------|------------------------------|--|----------------|---|
| Convert to Decimal $\frac{3}{5} =$ | Convert to Fraction .75 = | $\begin{array}{r} 74.04 \\ - 1.18 \\ \hline \end{array}$ | 75% of 12 = | $\begin{array}{r} 93.1 \\ \times 3 \\ \hline \end{array}$ |
|---------------------------------------|------------------------------|--|----------------|---|

| | | | | |
|---|----------------------------------|-----------------------------|-------------------------------|-------------------------------|
| $\begin{array}{r} 26.2 \\ \times 9.6 \\ \hline \end{array}$ | $\frac{1}{8} \div \frac{2}{3} =$ | Convert to Fraction .1 = | $\frac{8}{9} * \frac{8}{9} =$ | $\frac{4}{7} + \frac{4}{7} =$ |
|---|----------------------------------|-----------------------------|-------------------------------|-------------------------------|

AIMSweb® Mathematics Computation 2 Progress Monitor #10 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{2}{3} =$$

$$\frac{4}{7} - \frac{1}{7} =$$

Convert to Decimal

$$\frac{2}{5} =$$

Convert to Fraction
 $.8 =$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Decimal
 $\frac{8}{9} \div 1 =$

Convert to Decimal
 $\frac{1}{5} =$

$$\frac{2}{5} + \frac{4}{5} =$$

80% of 17
 $=$

$$\frac{5}{7} \div \frac{1}{4} =$$

$$\begin{array}{r} 39 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{10} =$

Convert to Decimal
 $\frac{9}{10} =$

$$\frac{7}{\times 4}$$

$$\frac{4}{7} \div \frac{1}{2} =$$

$$4 \overline{)39.0}$$

$$\frac{5}{9} - \frac{2}{9} =$$

$$49 \overline{)77}$$

Convert to Decimal
 $\frac{1}{3} =$

$$\frac{1}{2} + \frac{7}{4} =$$

$$\begin{array}{r} 57.34 \\ + 8.5 \\ \hline \end{array}$$

$$\frac{3}{4} \times \frac{8}{9} =$$

Convert to Fraction
 $.6 =$

$$\begin{array}{r} 66.7 \\ \times 7.9 \\ \hline \end{array}$$

$$5 \overline{)678}$$

$$\begin{array}{r} 52.7 \\ \times 4.9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

Convert to Fraction
 $.9 =$

Convert to Decimal
 $\frac{3}{8} =$

$$4 \overline{)32.4}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #11 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|--|--|---|---|---------|
| $\begin{array}{r} 9 \overline{)81} \\ \underline{81} \\ 0 \end{array}$ <p>(1)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 62 \\ \times 8 \\ \hline 496 \end{array}$ <p>(3)</p> | $\frac{8}{9} + \frac{8}{9} = 1\frac{7}{9}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{3} = .333$ <p>(4)</p> | 13 (13) |
|---|--|--|---|---|---------|

| | | | | | |
|--|---|------------------------------------|--|--|---------|
| $\begin{array}{r} 108 \\ 4 \overline{)432} \\ \underline{432} \\ 0 \end{array}$ <p>(3)</p> | $\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$ <p>(2)</p> | <p>76% of 75</p> $= 57$ <p>(2)</p> | $\begin{array}{r} 6.5 \\ - 4.18 \\ \hline 2.32 \end{array}$ <p>(4)</p> | $\begin{array}{r} 78.2 \\ \times 5 \\ \hline 391 \end{array}$ <p>(3)</p> | 14 (27) |
|--|---|------------------------------------|--|--|---------|

| | | | | | |
|---|--|--|---|---|---------|
| <p>Convert to Decimal</p> $\frac{3}{5} = .6$ <p>(2)</p> | $\begin{array}{r} 4 \text{ r } 5 \\ 51 \overline{)209} \\ \underline{205} \\ 4 \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 7469 \\ 3798 \\ 3316 \\ + 173 \\ \hline 14756 \end{array}$ <p>(5)</p> | $\begin{array}{r} 9.2 \\ 17 \overline{)156.4} \\ \underline{153} \\ 3.4 \\ \underline{3.4} \\ 0 \end{array}$ <p>(3)</p> | 14 (41) |
|---|--|--|---|---|---------|

| | | | | | |
|--|---|---|---------------------------------------|---|---------|
| $\begin{array}{r} 63.56 \\ + 5.24 \\ \hline 68.8 \end{array}$ <p>(4)</p> | $\begin{array}{r} 11 \\ \times 3 \\ \hline 33 \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p> | <p>75% of 75</p> $= 56.25$ <p>(5)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | 16 (57) |
|--|---|---|---------------------------------------|---|---------|

| | | | | | |
|---|---|--|------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{4}{5} = .8$ <p>(2)</p> | <p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p> | $\begin{array}{r} 47.28 \\ - 9.08 \\ \hline 38.2 \end{array}$ <p>(4)</p> | <p>75% of 24</p> $= 18$ <p>(2)</p> | $\begin{array}{r} 15.7 \\ \times 8 \\ \hline 125.6 \end{array}$ <p>(5)</p> | 16 (73) |
|---|---|--|------------------------------------|--|---------|

| | | | | | |
|---|--|---|--|---|---------|
| $\begin{array}{r} 71.6 \\ \times 9.1 \\ \hline 651.56 \end{array}$ <p>(6)</p> | $\frac{5}{7} \div \frac{4}{7} = 1\frac{1}{4}$ <p>(3)</p> | <p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p> | $\frac{2}{3} \times \frac{4}{9} = \frac{8}{27}$ <p>(3)</p> | $\frac{7}{9} + \frac{8}{9} = 1\frac{2}{3}$ <p>(3)</p> | 18 (91) |
|---|--|---|--|---|---------|

AIMSweb® Mathematics Computation 2 Progress Monitor #11 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Decimal

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

12 (103)

$$\frac{4}{7} / \frac{5}{9} = 1\frac{1}{35}$$

(4)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

$$\frac{8}{9} + \frac{2}{3} = 1\frac{5}{9}$$

(3)

25% of 18

$$= 4.5$$

(3)

$$\frac{1}{4} / \frac{3}{8} = \frac{2}{3}$$

(2)

14 (117)

$$\begin{array}{r} 58 \\ \times 5 \\ \hline 290 \end{array}$$

(3)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 981 \\ \times 91 \\ \hline 89271 \end{array}$$

(5)

$$\frac{8}{9} / \frac{4}{7} = 1\frac{5}{9}$$

(3)

15 (132)

$$4 \overline{) 33.8} \quad \begin{array}{r} 8.45 \\ 4 \overline{) 33.8} \end{array}$$

(4)

$$1 - \frac{1}{2} = \frac{1}{2}$$

(2)

$$20 \overline{) 835} \quad \begin{array}{r} 41 \text{ r } 15 \\ 20 \overline{) 835} \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

$$\frac{1}{7} + \frac{5}{7} = \frac{6}{7}$$

(2)

15 (147)

$$\begin{array}{r} 49.64 \\ + 8.17 \\ \hline 57.81 \end{array}$$

(5)

$$\frac{2}{9} * \frac{2}{9} = \frac{4}{81}$$

(3)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\begin{array}{r} 66.6 \\ \times 8.3 \\ \hline 552.78 \end{array}$$

(6)

$$4 \overline{) 943} \quad \begin{array}{r} 235 \text{ r } 3 \\ 4 \overline{) 943} \end{array}$$

(4)

21 (168)

$$\begin{array}{r} 53.9 \\ \times 4.3 \\ \hline 231.77 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$14 \overline{) 33.6} \quad \begin{array}{r} 2.4 \\ 14 \overline{) 33.6} \end{array}$$

(3)

17 (185)

AIMSweb® Mathematics Computation 2 Progress Monitor #11 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$9 \overline{)81}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 62 \\ \times 8 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{8}{9} =$$

Convert to Decimal
 $\frac{1}{3} =$

$$4 \overline{)432}$$

$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

76% of 75
=

$$\begin{array}{r} 6.5 \\ - 4.18 \\ \hline \end{array}$$

$$\begin{array}{r} 78.2 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

$$51 \overline{)209}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 7469 \\ 3798 \\ 3316 \\ + 173 \\ \hline \end{array}$$

$$17 \overline{)156.4}$$

$$\begin{array}{r} 63.56 \\ + 5.24 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 3 \\ \hline \end{array}$$

Convert to Fraction
.3 =

75% of 75
=

Convert to Fraction
.75 =

Convert to Decimal
 $\frac{4}{5} =$

Convert to Fraction
.1 =

$$\begin{array}{r} 47.28 \\ - 9.08 \\ \hline \end{array}$$

75% of 24
=

$$\begin{array}{r} 15.7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 71.6 \\ \times 9.1 \\ \hline \end{array}$$

$$\frac{5}{7} \div \frac{4}{7} =$$

Convert to Fraction
.7 =

$$\frac{2}{3} * \frac{4}{9} =$$

$$\frac{7}{9} + \frac{8}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #11 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{2}{3} =$$

$$\frac{5}{7} - \frac{2}{7} =$$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Fraction
 $.25 =$

Convert to Decimal

$$\frac{7}{10} =$$

Convert to Decimal
 $\frac{4}{7} / \frac{5}{9} =$

Convert to Decimal
 $\frac{1}{10} =$

$$\frac{8}{9} + \frac{2}{3} =$$

25% of 18
 $=$

$$\frac{1}{4} / \frac{3}{8} =$$

$$\begin{array}{r} 58 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{10} =$

Convert to Decimal
 $\frac{9}{10} =$

$$\begin{array}{r} 981 \\ \times 91 \\ \hline \end{array}$$

$$\frac{8}{9} / \frac{4}{7} =$$

$$4 \overline{)33.8}$$

$$1 - \frac{1}{2} =$$

$$20 \overline{)835}$$

Convert to Decimal
 $\frac{1}{4} =$

$$\frac{1}{7} + \frac{5}{7} =$$

$$\begin{array}{r} 49.64 \\ + 8.17 \\ \hline \end{array}$$

$$\frac{2}{9} * \frac{2}{9} =$$

Convert to Fraction
 $.9 =$

$$\begin{array}{r} 66.6 \\ \times 8.3 \\ \hline \end{array}$$

$$4 \overline{)943}$$

$$\begin{array}{r} 53.9 \\ \times 4.3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{8} =$

Convert to Fraction
 $.8 =$

Convert to Decimal
 $\frac{2}{5} =$

$$14 \overline{)33.6}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #12 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 11 \overline{)22} \\ \underline{22} \\ 0 \end{array}$$

(1)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\begin{array}{r} 271 \\ \times 56 \\ \hline 15176 \end{array}$$

(5)

$$\frac{7}{9} + \frac{1}{9} = \frac{8}{9}$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2) 12 (12)

$$\begin{array}{r} 62 \text{ r } 6 \\ 7 \overline{)440} \\ \underline{490} \\ 50 \end{array}$$

(3)

$$\begin{array}{r} 41 \\ \times 3 \\ \hline 123 \end{array}$$

(3)

37% of 25

$$= 9.25$$

(4)

$$\begin{array}{r} 87.64 \\ - 9.75 \\ \hline 77.89 \end{array}$$

(5)

$$\begin{array}{r} 98.7 \\ \times 3 \\ \hline 296.1 \end{array}$$

(5) 20 (32)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

$$\begin{array}{r} 370 \\ 2 \overline{)740} \\ \underline{740} \\ 0 \end{array}$$

(3)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\begin{array}{r} 8736 \\ 7569 \\ 4338 \\ + 2817 \\ \hline 23460 \end{array}$$

(5)

$$\begin{array}{r} 6.4 \\ 13 \overline{)83.2} \\ \underline{79} \\ 42 \end{array}$$

(3) 17 (49)

$$\begin{array}{r} 61.82 \\ + 9.93 \\ \hline 71.75 \end{array}$$

(5)

$$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$$

(2)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

60% of 22

$$= 13.2$$

(4)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2) 15 (64)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 21.1 \\ - 8.16 \\ \hline 12.94 \end{array}$$

(5)

88% of 30

$$= 26.4$$

(4)

$$\begin{array}{r} 50.1 \\ \times 8 \\ \hline 400.8 \end{array}$$

(5) 20 (84)

$$\begin{array}{r} 49.7 \\ \times 6 \\ \hline 298.2 \end{array}$$

(5)

$$\frac{7}{9} \div \frac{9}{10} = \frac{70}{81}$$

(4)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

$$\frac{1}{4} \times \frac{8}{9} = \frac{2}{9}$$

(2)

$$\frac{2}{3} + \frac{4}{9} = 1\frac{1}{9}$$

(3) 17 (101)

AIMSweb® Mathematics Computation 2 Progress Monitor #12 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

Convert to Decimal

$$1 - \frac{2}{7} = \frac{5}{7}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

12 (113)

Convert to Decimal

$$\frac{1}{9} / \frac{1}{8} = \frac{8}{9}$$

(2)

$$\frac{3}{10} = .3$$

(2)

$$\frac{9}{10} + \frac{2}{5} = 1\frac{3}{10}$$

(4)

75% of 49

$$= 36.75$$

(5)

$$\frac{9}{10} / \frac{2}{7} = 3\frac{3}{20}$$

(4)

17 (130)

Convert to Decimal

$$\begin{array}{r} 372 \\ \times 14 \\ \hline 5208 \end{array}$$

(4)

$$\frac{4}{5} = .8$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$$

(2)

$$\frac{6}{7} / \frac{3}{4} = 1\frac{1}{7}$$

(3)

13 (143)

Convert to Decimal

$$3 \overline{)26.7} \quad \begin{array}{r} 8.9 \end{array}$$

(3)

$$\frac{1}{3} - \frac{1}{9} = \frac{2}{9}$$

(2)

$$9 \overline{)27} \quad \begin{array}{r} 3 \end{array}$$

(1)

$$\frac{7}{8} = .875$$

(4)

$$\frac{8}{9} + \frac{2}{9} = 1\frac{1}{9}$$

(3)

13 (156)

Convert to Fraction

$$\begin{array}{r} 99.69 \\ + 8.08 \\ \hline 107.77 \end{array}$$

(6)

$$\frac{2}{3} * \frac{2}{3} = \frac{4}{9}$$

(2)

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 9.3 \\ \times 1.1 \\ \hline 10.23 \end{array}$$

(5)

$$2 \overline{)87} \quad \begin{array}{r} 43 \text{ r } 1 \end{array}$$

(3)

18 (174)

Convert to Decimal

$$\begin{array}{r} 77.1 \\ \times 1.4 \\ \hline 107.94 \end{array}$$

(6)

$$\frac{1}{2} = .5$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$20 \overline{)128.0} \quad \begin{array}{r} 6.4 \end{array}$$

(3)

16 (190)

AIMSweb® Mathematics Computation 2 Progress Monitor #12 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$11 \overline{)22}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 271 \\ \times 56 \\ \hline \end{array}$$

$$\frac{7}{9} + \frac{1}{9} =$$

Convert to Decimal
 $\frac{1}{5} =$

$$7 \overline{)440}$$

$$\begin{array}{r} 41 \\ \times 3 \\ \hline \end{array}$$

37% of 25
=

$$\begin{array}{r} 87.64 \\ - 9.75 \\ \hline \end{array}$$

$$\begin{array}{r} 98.7 \\ \times 3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

$$2 \overline{)740}$$

Convert to Fraction
.9 =

$$\begin{array}{r} 8736 \\ 7569 \\ 4338 \\ + 2817 \\ \hline \end{array}$$

$$13 \overline{)83.2}$$

$$\begin{array}{r} 61.82 \\ + 9.93 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

Convert to Fraction
.6 =

60% of 22
=

Convert to Fraction
.5 =

Convert to Decimal
 $\frac{1}{3} =$

Convert to Fraction
.75 =

$$\begin{array}{r} 21.1 \\ - 8.16 \\ \hline \end{array}$$

88% of 30
=

$$\begin{array}{r} 50.1 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 49.7 \\ \times 6 \\ \hline \end{array}$$

$$\frac{7}{9} \div \frac{9}{10} =$$

Convert to Fraction
.3 =

$$\frac{1}{4} * \frac{8}{9} =$$

$$\frac{2}{3} + \frac{4}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #12 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{1}{2} =$$

$$1 - \frac{2}{7} =$$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Fraction
.25 =

Convert to Decimal

$$\frac{2}{5} =$$

Convert to Decimal
 $\frac{1}{9} / \frac{1}{8} =$

Convert to Decimal
 $\frac{3}{10} =$

$$\frac{9}{10} + \frac{2}{5} =$$

75% of 49
=

$$\frac{9}{10} / \frac{2}{7} =$$

Convert to Decimal
 $\frac{4}{5} =$

Convert to Decimal
 $\frac{9}{10} =$

$$\frac{6}{x5}$$

$$\frac{6}{7} / \frac{3}{4} =$$

$$3 \overline{)26.7}$$

$$\frac{1}{3} - \frac{1}{9} =$$

$$9 \overline{)27}$$

Convert to Decimal
 $\frac{7}{8} =$

$$\frac{8}{9} + \frac{2}{9} =$$

$$\begin{array}{r} 99.69 \\ + 8.08 \\ \hline \end{array}$$

$$\frac{2}{3} * \frac{2}{3} =$$

Convert to Fraction
.2 =

$$\frac{9.3}{x1.1}$$

$$2 \overline{)87}$$

Convert to Decimal
 $\frac{1}{2} =$

Convert to Fraction
.8 =

Convert to Decimal
 $\frac{3}{4} =$

$$20 \overline{)128.0}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #13 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|--|---|--|---------|
| $\begin{array}{r} 7 \overline{)49} \\ \underline{7} \\ 49 \\ \underline{49} \\ 0 \end{array}$ <p>(1)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | $\begin{array}{r} 958 \\ \times 3 \\ \hline 2874 \end{array}$ <p>(4)</p> | $\frac{7}{9} + \frac{2}{3} = 1\frac{4}{9}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p> | 13 (13) |
|--|--|--|---|--|---------|

| | | | | | |
|--|--|-------------------------------------|--|--|---------|
| $\begin{array}{r} 12 \\ 2 \overline{)24} \\ \underline{2} \\ 24 \\ \underline{24} \\ 0 \end{array}$ <p>(2)</p> | $\begin{array}{r} 791 \\ \times 2 \\ \hline 1582 \end{array}$ <p>(4)</p> | <p>79% of 10</p> $= 7.9$ <p>(3)</p> | $\begin{array}{r} 84.3 \\ - 2.44 \\ \hline 81.86 \end{array}$ <p>(5)</p> | $\begin{array}{r} 55.7 \\ \times 8 \\ \hline 445.6 \end{array}$ <p>(5)</p> | 19 (32) |
|--|--|-------------------------------------|--|--|---------|

| | | | | | |
|---|--|--|---|---|---------|
| <p>Convert to Decimal</p> $\frac{1}{3} = .333$ <p>(4)</p> | $31 \overline{)12 \text{ r } 8} $ <p>(3)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | $\begin{array}{r} 6849 \\ 4025 \\ 2811 \\ + 651 \\ \hline 14336 \end{array}$ <p>(5)</p> | $7 \overline{)3.029} $ <p>(5)</p> | 19 (51) |
|---|--|--|---|---|---------|

| | | | | | |
|--|---|---|--------------------------------------|---|---------|
| $\begin{array}{r} 59.16 \\ + 9.8 \\ \hline 68.96 \end{array}$ <p>(5)</p> | $\begin{array}{r} 168 \\ \times 16 \\ \hline 2688 \end{array}$ <p>(4)</p> | <p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p> | <p>98% of 40</p> $= 39.2$ <p>(4)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | 18 (69) |
|--|---|---|--------------------------------------|---|---------|

| | | | | | |
|---|--|--|-------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | $\begin{array}{r} 28.2 \\ - 5.06 \\ \hline 23.14 \end{array}$ <p>(5)</p> | <p>45% of 10</p> $= 4.5$ <p>(3)</p> | $\begin{array}{r} 31.2 \\ \times 9 \\ \hline 280.8 \end{array}$ <p>(5)</p> | 17 (86) |
|---|--|--|-------------------------------------|--|---------|

| | | | | | |
|--|--|--|--|---|----------|
| $\begin{array}{r} 92.9 \\ \times 2 \\ \hline 185.8 \end{array}$ <p>(5)</p> | $\frac{9}{10} \div \frac{5}{6} = 1\frac{2}{25}$ <p>(4)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\frac{1}{3} * \frac{1}{2} = \frac{1}{6}$ <p>(2)</p> | $\frac{3}{4} + \frac{1}{2} = 1\frac{1}{4}$ <p>(3)</p> | 16 (102) |
|--|--|--|--|---|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #13 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$2 - \frac{1}{4} = 1\frac{3}{4}$$

(3)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

14 (116)

$$\frac{8}{9} \div \frac{2}{3} = 1\frac{1}{3}$$

(3)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\frac{7}{8} + \frac{3}{8} = 1\frac{1}{4}$$

(3)

97% of 40

$$= 38.8$$

(4)

$$\frac{2}{7} \div \frac{1}{6} = 1\frac{5}{7}$$

(3)

15 (131)

$$\begin{array}{r} 371 \\ \times 8 \\ \hline 2968 \end{array}$$

(4)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\begin{array}{r} 76 \\ \times 4 \\ \hline 304 \end{array}$$

(3)

$$\frac{3}{5} \div \frac{1}{3} = 1\frac{4}{5}$$

(3)

14 (145)

$$4 \overline{)19.8} \quad \begin{array}{r} 4.95 \\ \times 19.8 \end{array}$$

(4)

$$\frac{8}{9} - \frac{2}{3} = \frac{2}{9}$$

(2)

$$9 \overline{)13} \quad \begin{array}{r} 1 \text{ r } 4 \\ 9 \overline{)13} \end{array}$$

(2)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$\frac{7}{9} + \frac{1}{9} = \frac{8}{9}$$

(2)

14 (159)

$$\begin{array}{r} 96.99 \\ + 6.91 \\ \hline 103.9 \end{array}$$

(5)

$$\frac{4}{9} \times \frac{1}{2} = \frac{2}{9}$$

(2)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 26.5 \\ \times 8.1 \\ \hline 214.65 \end{array}$$

(6)

$$74 \overline{)470} \quad \begin{array}{r} 6 \text{ r } 26 \\ 74 \overline{)470} \end{array}$$

(3)

18 (177)

$$\begin{array}{r} 52.9 \\ \times 9.5 \\ \hline 502.55 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

$$18 \overline{)28.8} \quad \begin{array}{r} 1.6 \\ 18 \overline{)28.8} \end{array}$$

(3)

18 (195)

AIMSweb® Mathematics Computation 2 Progress Monitor #13 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$7 \overline{)49}$$

Convert to Fraction
.8 =

$$\begin{array}{r} 958 \\ \times 3 \\ \hline \end{array}$$

$$\frac{7}{9} + \frac{2}{3} =$$

Convert to Decimal
 $\frac{1}{4} =$

$$2 \overline{)24}$$

$$\begin{array}{r} 791 \\ \times 2 \\ \hline \end{array}$$

79% of 10
=

$$\begin{array}{r} 84.3 \\ - 2.44 \\ \hline \end{array}$$

$$\begin{array}{r} 55.7 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{3} =$

$$31 \overline{)380}$$

Convert to Fraction
.6 =

$$\begin{array}{r} 6849 \\ 4025 \\ 2811 \\ + 651 \\ \hline \end{array}$$

$$7 \overline{)21.2}$$

$$\begin{array}{r} 59.16 \\ + 9.8 \\ \hline \end{array}$$

$$\begin{array}{r} 168 \\ \times 16 \\ \hline \end{array}$$

Convert to Fraction
.7 =

98% of 40
=

Convert to Fraction
.75 =

Convert to Decimal
 $\frac{1}{2} =$

Convert to Fraction
.2 =

$$\begin{array}{r} 28.2 \\ - 5.06 \\ \hline \end{array}$$

45% of 10
=

$$\begin{array}{r} 31.2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 92.9 \\ \times 2 \\ \hline \end{array}$$

$$\frac{9}{10} \div \frac{5}{6} =$$

Convert to Fraction
.4 =

$$\frac{1}{3} * \frac{1}{2} =$$

$$\frac{3}{4} + \frac{1}{2} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #13 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$2 - \frac{1}{4} =$$

Convert to Decimal

$$\frac{2}{5} =$$

Convert to Fraction
 $.25 =$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Decimal
 $\frac{8}{9} / \frac{2}{3} =$

Convert to Decimal
 $\frac{9}{10} =$

$$\frac{7}{8} + \frac{3}{8} =$$

97% of 40
 $=$

$$\frac{2}{7} / \frac{1}{6} =$$

Convert to Decimal
 $\frac{3}{5} =$

Convert to Decimal
 $\frac{4}{5} =$

$$\begin{array}{r} 76 \\ \times 4 \\ \hline \end{array}$$

$$\frac{3}{5} / \frac{1}{3} =$$

Convert to Decimal
 $\frac{5}{8} =$

$$4 \overline{)19.8}$$

$$\frac{8}{9} - \frac{2}{3} =$$

$$9 \overline{)13}$$

$$\frac{7}{9} + \frac{1}{9} =$$

$$\begin{array}{r} 96.99 \\ + 6.91 \\ \hline \end{array}$$

$$\frac{4}{9} * \frac{1}{2} =$$

Convert to Fraction
 $.5 =$

$$\begin{array}{r} 26.5 \\ \times 8.1 \\ \hline \end{array}$$

$$74 \overline{)470}$$

Convert to Decimal
 $\frac{1}{5} =$

$$\begin{array}{r} 52.9 \\ \times 9.5 \\ \hline \end{array}$$

Convert to Fraction
 $.3 =$

Convert to Decimal
 $\frac{1}{8} =$

$$18 \overline{)28.8}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #14 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|--|---|--|---|---------|
| $\begin{array}{r} 11 \text{ r } 3 \\ 6 \overline{)69} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | $\begin{array}{r} 10 \\ \times 3 \\ \hline 30 \end{array}$ <p>(2)</p> | $\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$ <p>(2)</p> | <p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p> | 11 (11) |
|---|--|---|--|---|---------|

| | | | | | |
|---|--|---------------------------------------|---|--|---------|
| $\begin{array}{r} 9 \text{ r } 22 \\ 83 \overline{)769} \end{array}$ <p>(3)</p> | $\begin{array}{r} 59 \\ \times 9 \\ \hline 531 \end{array}$ <p>(3)</p> | <p>51% of 25</p> $= 12.75$ <p>(5)</p> | $\begin{array}{r} 87.14 \\ - 9.06 \\ \hline 78.08 \end{array}$ <p>(5)</p> | $\begin{array}{r} 67 \\ \times 8 \\ \hline 536 \end{array}$ <p>(3)</p> | 19 (30) |
|---|--|---------------------------------------|---|--|---------|

| | | | | | |
|---|--|---|--|--|---------|
| <p>Convert to Decimal</p> $\frac{4}{5} = .8$ <p>(2)</p> | $\begin{array}{r} 13 \\ 6 \overline{)78} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p> | $\begin{array}{r} 9146 \\ 3419 \\ 1129 \\ + 1026 \\ \hline 14720 \end{array}$ <p>(5)</p> | $\begin{array}{r} 15.083 \\ 6 \overline{)90.5} \end{array}$ <p>(6)</p> | 18 (48) |
|---|--|---|--|--|---------|

| | | | | | |
|---|--|--|--------------------------------------|---|---------|
| $\begin{array}{r} 99.96 \\ + 2.2 \\ \hline 102.16 \end{array}$ <p>(6)</p> | $\begin{array}{r} 978 \\ \times 6 \\ \hline 5868 \end{array}$ <p>(4)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | <p>80% of 21</p> $= 16.8$ <p>(4)</p> | <p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p> | 18 (66) |
|---|--|--|--------------------------------------|---|---------|

| | | | | | |
|---|---|---|---------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{8} = .125$ <p>(4)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | $\begin{array}{r} 95.14 \\ - 7.72 \\ \hline 87.42 \end{array}$ <p>(5)</p> | <p>75% of 25</p> $= 18.75$ <p>(5)</p> | $\begin{array}{r} 45.8 \\ \times 3 \\ \hline 137.4 \end{array}$ <p>(5)</p> | 21 (87) |
|---|---|---|---------------------------------------|--|---------|

| | | | | | |
|---|--|---|--|--|----------|
| $\begin{array}{r} 83.6 \\ \times 5.7 \\ \hline 476.52 \end{array}$ <p>(6)</p> | $\frac{8}{9} \div \frac{4}{5} = 1\frac{1}{9}$ <p>(3)</p> | <p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p> | $\frac{7}{9} * \frac{8}{9} = \frac{56}{81}$ <p>(4)</p> | $\frac{1}{9} + \frac{2}{3} = \frac{7}{9}$ <p>(2)</p> | 18 (105) |
|---|--|---|--|--|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #14 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Decimal

$$\frac{6}{7} - \frac{2}{7} = \frac{4}{7}$$

(2)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

12 (117)

Convert to Decimal

$$\frac{1}{2} / \frac{2}{3} = \frac{3}{4}$$

(2)

$$\frac{3}{8} = .375$$

(4)

$$\frac{1}{4} + \frac{1}{8} = \frac{3}{8}$$

(2)

73% of 25

$$= 18.25$$

(5)

$$\frac{2}{7} / \frac{2}{5} = \frac{5}{7}$$

(2)

15 (132)

Convert to Decimal

$$\begin{array}{r} 558 \\ \times 7 \\ \hline \end{array}$$

$$3906$$

(4)

$$\frac{1}{4} = .25$$

(3)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\begin{array}{r} 346 \\ \times 7 \\ \hline \end{array}$$

$$2422$$

(4)

$$\frac{8}{9} / \frac{1}{2} = 1\frac{7}{9}$$

(3)

18 (150)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\frac{7}{9} + \frac{2}{3} = 1\frac{4}{9}$$

(3)

16 (166)

$$6 \overline{) 5.783}$$

(5)

$$\frac{8}{5} - \frac{2}{5} = 1\frac{1}{5}$$

(3)

$$98 \overline{) 466} \text{ 4 r 74}$$

(3)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 90.1 \\ \times 4.7 \\ \hline \end{array}$$

$$423.47$$

(6)

$$8 \overline{) 10} \text{ r 7}$$

(3)

19 (185)

$$\begin{array}{r} 37.81 \\ + 2.37 \\ \hline \end{array}$$

$$40.18$$

(5)

$$\frac{1}{4} \times \frac{3}{4} = \frac{3}{16}$$

(3)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

$$\begin{array}{r} 23.2 \\ \times 7.6 \\ \hline \end{array}$$

$$176.32$$

(6)

$$3 \overline{) 11.933}$$

(6)

21 (206)

AIMSweb® Mathematics Computation 2 Progress Monitor #14 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$6 \overline{)69}$$

Convert to Fraction
.6 =

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

$$\frac{1}{3} + \frac{1}{6} =$$

Convert to Decimal
 $\frac{1}{5} =$

$$83 \overline{)769}$$

$$\begin{array}{r} 59 \\ \times 9 \\ \hline \end{array}$$

51% of 25
=

$$\begin{array}{r} 87.14 \\ - 9.06 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

$$6 \overline{)78}$$

Convert to Fraction
.7 =

$$\begin{array}{r} 9146 \\ 3419 \\ 1129 \\ + 1026 \\ \hline \end{array}$$

$$6 \overline{)90.5}$$

$$\begin{array}{r} 99.96 \\ + 2.2 \\ \hline \end{array}$$

$$\begin{array}{r} 978 \\ \times 6 \\ \hline \end{array}$$

Convert to Fraction
.8 =

80% of 21
=

Convert to Fraction
.25 =

Convert to Decimal
 $\frac{1}{8} =$

Convert to Fraction
.75 =

$$\begin{array}{r} 95.14 \\ - 7.72 \\ \hline \end{array}$$

75% of 25
=

$$\begin{array}{r} 45.8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 83.6 \\ \times 5.7 \\ \hline \end{array}$$

$$\frac{8}{9} \div \frac{4}{5} =$$

Convert to Fraction
.9 =

$$\frac{7}{9} * \frac{8}{9} =$$

$$\frac{1}{9} + \frac{2}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #14 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{6}{7} - \frac{2}{7} =$$

Convert to Decimal

$$\frac{1}{3} =$$

Convert to Fraction
 $.5 =$

Convert to Decimal

$$\frac{7}{10} =$$

Convert to Decimal
 $\frac{1}{2} / \frac{2}{3} =$

Convert to Decimal
 $\frac{3}{8} =$

$$\frac{1}{4} + \frac{1}{8} =$$

73% of 25
 $=$

$$\frac{2}{7} / \frac{2}{5} =$$

$$\begin{array}{r} 558 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

Convert to Decimal
 $\frac{2}{3} =$

$$\begin{array}{r} 346 \\ \times 7 \\ \hline \end{array}$$

$$\frac{8}{9} / \frac{1}{2} =$$

$$6 \overline{)34.7}$$

$$\frac{8}{5} - \frac{2}{5} =$$

$$98 \overline{)466}$$

Convert to Decimal
 $\frac{9}{10} =$

$$\frac{7}{9} + \frac{2}{3} =$$

$$\begin{array}{r} 37.81 \\ + 2.37 \\ \hline \end{array}$$

$$\frac{1}{4} * \frac{3}{4} =$$

Convert to Fraction
 $.2 =$

$$\begin{array}{r} 90.1 \\ \times 4.7 \\ \hline \end{array}$$

$$8 \overline{)87}$$

$$\begin{array}{r} 23.2 \\ \times 7.6 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

Convert to Fraction
 $.1 =$

Convert to Decimal
 $\frac{1}{2} =$

$$3 \overline{)35.8}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #15 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|--|--|--|----------------|
| $\begin{array}{r} 3 \text{ r } 7 \\ 9 \overline{)34} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 634 \\ \times 7 \\ \hline 4438 \end{array}$ <p>(4)</p> | $\frac{1}{8} + \frac{3}{4} = \frac{7}{8}$ <p>(2)</p> | <p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p> | <p>13 (13)</p> |
|--|--|--|--|--|----------------|

| | | | | | |
|---|--|--------------------------------------|---|--|----------------|
| $\begin{array}{r} 136 \text{ r } 3 \\ 4 \overline{)547} \end{array}$ <p>(4)</p> | $\begin{array}{r} 69 \\ \times 9 \\ \hline 621 \end{array}$ <p>(3)</p> | <p>75% of 42</p> $= 31.5$ <p>(4)</p> | $\begin{array}{r} 79.97 \\ - 4.05 \\ \hline 75.92 \end{array}$ <p>(5)</p> | $\begin{array}{r} 49.2 \\ \times 5 \\ \hline 246 \end{array}$ <p>(3)</p> | <p>19 (32)</p> |
|---|--|--------------------------------------|---|--|----------------|

| | | | | | |
|--|--|--|--|---|----------------|
| <p>Convert to Decimal</p> $\frac{7}{10} = .7$ <p>(2)</p> | $\begin{array}{r} 36 \text{ r } 1 \\ 9 \overline{)325} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | $\begin{array}{r} 8902 \\ 8779 \\ 5397 \\ + 3038 \\ \hline 26116 \end{array}$ <p>(5)</p> | $\begin{array}{r} 6.275 \\ 8 \overline{)50.2} \end{array}$ <p>(5)</p> | <p>17 (49)</p> |
|--|--|--|--|---|----------------|

| | | | | | |
|--|--|--|--------------------------------------|---|----------------|
| $\begin{array}{r} 87.81 \\ + 2.5 \\ \hline 90.31 \end{array}$ <p>(5)</p> | $\begin{array}{r} 82 \\ \times 4 \\ \hline 328 \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | <p>54% of 20</p> $= 10.8$ <p>(4)</p> | <p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p> | <p>17 (66)</p> |
|--|--|--|--------------------------------------|---|----------------|

| | | | | | |
|--|---|---|------------------------------------|--|----------------|
| <p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | $\begin{array}{r} 15.77 \\ - 9.1 \\ \hline 6.67 \end{array}$ <p>(4)</p> | <p>82% of 50</p> $= 41$ <p>(2)</p> | $\begin{array}{r} 97.9 \\ \times 3 \\ \hline 293.7 \end{array}$ <p>(5)</p> | <p>16 (82)</p> |
|--|---|---|------------------------------------|--|----------------|

| | | | | | |
|--|--|---|---|--|----------------|
| $\begin{array}{r} 68 \\ \times 2.6 \\ \hline 176.8 \end{array}$ <p>(5)</p> | $\frac{5}{8} \div \frac{9}{10} = \frac{25}{36}$ <p>(4)</p> | <p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p> | $\frac{4}{5} \times \frac{3}{4} = \frac{3}{5}$ <p>(2)</p> | $\frac{2}{3} + \frac{7}{3} = 3$ <p>(1)</p> | <p>15 (97)</p> |
|--|--|---|---|--|----------------|

AIMSweb® Mathematics Computation 2 Progress Monitor #15 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$\frac{8}{9} - \frac{4}{9} = \frac{4}{9}$$

(2)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

12 (109)

$$\frac{3}{4} / \frac{7}{9} = \frac{27}{28}$$

(4)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

$$\frac{7}{9} + \frac{8}{9} = 1\frac{2}{3}$$

(3)

31% of 25

$$= 7.75$$

(4)

$$\frac{1}{2} / \frac{5}{9} = \frac{9}{10}$$

(3)

16 (125)

$$\begin{array}{r} 62 \\ \times 6 \\ \hline 372 \end{array}$$

(3)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$\begin{array}{r} 784 \\ \times 9 \\ \hline 7056 \end{array}$$

(4)

$$\frac{4}{7} / \frac{2}{3} = \frac{6}{7}$$

(2)

13 (138)

$$14 \overline{)54.6} \quad \begin{array}{r} 3.9 \\ \hline \end{array}$$

(3)

$$\frac{3}{7} - \frac{1}{7} = \frac{2}{7}$$

(2)

$$75 \overline{)800} \quad \begin{array}{r} 10 \text{ r } 50 \\ \hline \end{array}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{7}{9} + \frac{5}{9} = 1\frac{1}{3}$$

(3)

14 (152)

$$\begin{array}{r} 30.42 \\ + 6.19 \\ \hline 36.61 \end{array}$$

(5)

$$\frac{4}{5} * \frac{4}{9} = \frac{16}{45}$$

(4)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\begin{array}{r} 9.9 \\ \times 6.5 \\ \hline 64.35 \end{array}$$

(5)

$$7 \overline{)56} \quad \begin{array}{r} 8 \\ \hline \end{array}$$

(1)

18 (170)

$$\begin{array}{r} 16.7 \\ \times 6.4 \\ \hline 106.88 \end{array}$$

(6)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$9 \overline{)40.2} \quad \begin{array}{r} 4.467 \\ \hline \end{array}$$

(5)

21 (191)

AIMSweb® Mathematics Computation 2 Progress Monitor #15 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$9 \overline{)34}$$

Convert to Fraction
 $.5 =$

$$\begin{array}{r} 634 \\ \times 7 \\ \hline \end{array}$$

$$\frac{1}{8} + \frac{3}{4} =$$

Convert to Decimal
 $\frac{3}{4} =$

$$4 \overline{)547}$$

$$\begin{array}{r} 69 \\ \times 9 \\ \hline \end{array}$$

75% of 42
 $=$

$$\begin{array}{r} 79.97 \\ - 4.05 \\ \hline \end{array}$$

$$\begin{array}{r} 49.2 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{10} =$

$$9 \overline{)325}$$

Convert to Fraction
 $.8 =$

$$\begin{array}{r} 8902 \\ 8779 \\ 5397 \\ + 3038 \\ \hline \end{array}$$

$$8 \overline{)50.2}$$

$$\begin{array}{r} 87.81 \\ + 2.5 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ \times 4 \\ \hline \end{array}$$

Convert to Fraction
 $.6 =$

54% of 20
 $=$

Convert to Fraction
 $.1 =$

Convert to Decimal
 $\frac{1}{4} =$

Convert to Fraction
 $.75 =$

$$\begin{array}{r} 15.77 \\ - 9.1 \\ \hline \end{array}$$

82% of 50
 $=$

$$\begin{array}{r} 97.9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 2.6 \\ \hline \end{array}$$

$$\frac{5}{8} \div \frac{9}{10} =$$

Convert to Fraction
 $.3 =$

$$\frac{4}{5} * \frac{3}{4} =$$

$$\frac{2}{3} + \frac{7}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #15 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{8}{9} - \frac{4}{9} =$$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Fraction
 $.4 =$

Convert to Decimal

$$\frac{3}{10} =$$

Convert to Decimal
 $\frac{3}{4} / \frac{7}{9} =$

Convert to Decimal
 $\frac{1}{2} =$

$$\frac{7}{9} + \frac{8}{9} =$$

31% of 25
 $=$

$$\frac{1}{2} / \frac{5}{9} =$$

Convert to Decimal
 $\frac{2}{5} =$

Convert to Decimal
 $\frac{1}{5} =$

$$\begin{array}{r} 784 \\ \times 9 \\ \hline \end{array}$$

$$\frac{4}{7} / \frac{2}{3} =$$

$$14 \overline{)54.6}$$

$$\frac{3}{7} - \frac{1}{7} =$$

$$75 \overline{)800}$$

Convert to Decimal
 $\frac{4}{5} =$

$$\frac{7}{9} + \frac{5}{9} =$$

$$\begin{array}{r} 30.42 \\ + 6.19 \\ \hline \end{array}$$

$$\frac{4}{5} * \frac{4}{9} =$$

Convert to Fraction
 $.9 =$

$$\begin{array}{r} 9.9 \\ \times 6.5 \\ \hline \end{array}$$

$$7 \overline{)56}$$

Convert to Decimal
 $\frac{5}{8} =$

Convert to Fraction
 $.25 =$

Convert to Decimal
 $\frac{1}{3} =$

$$9 \overline{)40.2}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #16 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|--|--|---|---|---------|
| $\begin{array}{r} 13 \text{ r } 2 \\ 4 \overline{)54} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | $\begin{array}{r} 722 \\ \times 71 \\ \hline 51262 \end{array}$ <p>(5)</p> | $\frac{7}{8} + \frac{1}{2} = 1\frac{3}{8}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p> | 15 (15) |
|---|--|--|---|---|---------|

| | | | | | |
|---|---|--------------------------------------|---|--|---------|
| $\begin{array}{r} 14 \text{ r } 2 \\ 5 \overline{)72} \end{array}$ <p>(3)</p> | $\begin{array}{r} 488 \\ \times 17 \\ \hline 8296 \end{array}$ <p>(4)</p> | <p>75% of 50</p> $= 37.5$ <p>(4)</p> | $\begin{array}{r} 9.48 \\ - 5.82 \\ \hline 3.66 \end{array}$ <p>(4)</p> | $\begin{array}{r} 32.2 \\ \times 8 \\ \hline 257.6 \end{array}$ <p>(5)</p> | 20 (35) |
|---|---|--------------------------------------|---|--|---------|

| | | | | | |
|---|---|--|--|-----------------------------------|---------|
| <p>Convert to Decimal</p> $\frac{2}{3} = .667$ <p>(4)</p> | $\begin{array}{r} 139 \text{ r } 2 \\ 4 \overline{)558} \end{array}$ <p>(4)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | $\begin{array}{r} 5109 \\ 4130 \\ 2365 \\ + 1075 \\ \hline 12679 \end{array}$ <p>(5)</p> | $16 \overline{)144.0}$ <p>(1)</p> | 16 (51) |
|---|---|--|--|-----------------------------------|---------|

| | | | | | |
|---|--|--|------------------------------------|---|---------|
| $\begin{array}{r} 67.88 \\ + 8.47 \\ \hline 76.35 \end{array}$ <p>(5)</p> | $\begin{array}{r} 31 \\ \times 6 \\ \hline 186 \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | <p>75% of 44</p> $= 33$ <p>(2)</p> | <p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p> | 14 (65) |
|---|--|--|------------------------------------|---|---------|

| | | | | | |
|---|---|---|--------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{3} = .333$ <p>(4)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | $\begin{array}{r} 27.21 \\ - 4.72 \\ \hline 22.49 \end{array}$ <p>(5)</p> | <p>90% of 86</p> $= 77.4$ <p>(4)</p> | $\begin{array}{r} 95.2 \\ \times 6 \\ \hline 571.2 \end{array}$ <p>(5)</p> | 20 (85) |
|---|---|---|--------------------------------------|--|---------|

| | | | | | |
|---|--|---|--|--|----------|
| $\begin{array}{r} 95.3 \\ \times 7.1 \\ \hline 676.63 \end{array}$ <p>(6)</p> | $\frac{4}{7} \div \frac{9}{10} = \frac{40}{63}$ <p>(4)</p> | <p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p> | $\frac{1}{2} * \frac{3}{4} = \frac{3}{8}$ <p>(2)</p> | $\frac{2}{3} + \frac{1}{6} = \frac{5}{6}$ <p>(2)</p> | 17 (102) |
|---|--|---|--|--|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #16 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Decimal

$$1 - \frac{7}{8} = \frac{1}{8}$$

(2)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

13 (115)

$$\frac{9}{10} / \frac{1}{3} = 2\frac{7}{10}$$

(4)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

$$\frac{4}{9} + \frac{2}{3} = 1\frac{1}{9}$$

(3)

95% of 75

$$= 71.25$$

(5)

$$\frac{5}{6} / \frac{6}{7} = \frac{35}{36}$$

(4)

18 (133)

$$\begin{array}{r} 73 \\ \times 9 \\ \hline 657 \end{array}$$

(3)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$$

(2)

$$\frac{4}{5} / \frac{1}{9} = 7\frac{1}{5}$$

(3)

13 (146)

$$8 \overline{) 12.475} \quad \underline{99.8}$$

(6)

$$\frac{6}{7} - \frac{1}{7} = \frac{5}{7}$$

(2)

$$2 \overline{) 320} \quad \underline{640}$$

(3)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$\frac{1}{2} + \frac{7}{8} = 1\frac{3}{8}$$

(3)

18 (164)

$$\begin{array}{r} 74.67 \\ + 7.44 \\ \hline 82.11 \end{array}$$

(5)

$$\frac{2}{3} * \frac{7}{8} = \frac{7}{12}$$

(3)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\begin{array}{r} 8.3 \\ \times 2.1 \\ \hline 17.43 \end{array}$$

(5)

$$46 \overline{) 14 \text{ r } 17} \quad \underline{661}$$

(4)

20 (184)

$$\begin{array}{r} 59.7 \\ \times 4.5 \\ \hline 268.65 \end{array}$$

(6)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$2 \overline{) 6.8} \quad \underline{13.6}$$

(3)

16 (200)

AIMSweb® Mathematics Computation 2 Progress Monitor #16 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$4 \overline{)54}$$

Convert to Fraction
.6 =

$$\begin{array}{r} 722 \\ \times 71 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{1}{2} =$$

Convert to Decimal
 $\frac{1}{2} =$

$$5 \overline{)72}$$

$$\begin{array}{r} 488 \\ \times 17 \\ \hline \end{array}$$

75% of 50
=

$$\begin{array}{r} 9.48 \\ - 5.82 \\ \hline \end{array}$$

$$\begin{array}{r} 32.2 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{3} =$

$$4 \overline{)558}$$

Convert to Fraction
.2 =

$$\begin{array}{r} 5109 \\ 4130 \\ 2365 \\ + 1075 \\ \hline \end{array}$$

$$16 \overline{)144.0}$$

$$\begin{array}{r} 67.88 \\ + 8.47 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ \times 6 \\ \hline \end{array}$$

Convert to Fraction
.4 =

75% of 44
=

Convert to Fraction
.25 =

Convert to Decimal
 $\frac{1}{3} =$

Convert to Fraction
.75 =

$$\begin{array}{r} 27.21 \\ - 4.72 \\ \hline \end{array}$$

90% of 86
=

$$\begin{array}{r} 95.2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 95.3 \\ \times 7.1 \\ \hline \end{array}$$

$$\frac{4}{7} \div \frac{9}{10} =$$

Convert to Fraction
.3 =

$$\frac{1}{2} * \frac{3}{4} =$$

$$\frac{2}{3} + \frac{1}{6} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #16 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{5} =$$

$$1 - \frac{7}{8} =$$

Convert to Decimal

$$\frac{1}{4} =$$

Convert to Fraction
 $.5 =$

Convert to Decimal

$$\frac{7}{8} =$$

$$\frac{9}{10} / \frac{1}{3} =$$

Convert to Decimal

$$\frac{1}{10} =$$

$$\frac{4}{9} + \frac{2}{3} =$$

95% of 75
 $=$

$$\frac{5}{6} / \frac{6}{7} =$$

$$\begin{array}{r} 73 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{2}{5} =$$

Convert to Decimal

$$\frac{3}{4} =$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\frac{4}{5} / \frac{1}{9} =$$

$$8 \overline{)99.8}$$

$$\frac{6}{7} - \frac{1}{7} =$$

$$2 \overline{)640}$$

Convert to Decimal

$$\frac{5}{8} =$$

$$\frac{1}{2} + \frac{7}{8} =$$

$$\begin{array}{r} 74.67 \\ + 7.44 \\ \hline \end{array}$$

$$\frac{2}{3} * \frac{7}{8} =$$

Convert to Fraction
 $.9 =$

$$\begin{array}{r} 8.3 \\ \times 2.1 \\ \hline \end{array}$$

$$46 \overline{)661}$$

$$\begin{array}{r} 59.7 \\ \times 4.5 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{4}{5} =$$

Convert to Fraction
 $.7 =$

Convert to Decimal

$$\frac{1}{5} =$$

$$2 \overline{)13.6}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #17 - Grade 7 Answer Key

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$$\begin{array}{r} 7 \overline{)21} \\ \underline{14} \\ 7 \end{array}$$

(1)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 45 \\ \times 4 \\ \hline 180 \end{array}$$

(3)

$$\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2) 10 (10)

$$\begin{array}{r} 2 \overline{)12} \\ \underline{4} \\ 8 \end{array}$$

(2)

$$\begin{array}{r} 960 \\ \times 62 \\ \hline 59520 \end{array}$$

(5)

75% of 48

$$= 36$$

(2)

$$\begin{array}{r} 17.1 \\ - 1.9 \\ \hline 15.2 \end{array}$$

(4)

$$\begin{array}{r} 90.8 \\ \times 8 \\ \hline 726.4 \end{array}$$

(5) 18 (28)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

$$\begin{array}{r} 29 \overline{)362} \\ \underline{290} \\ 72 \end{array}$$

(4)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 8856 \\ 7963 \\ 4084 \\ + 1739 \\ \hline 22642 \end{array}$$

(5)

$$\begin{array}{r} 17 \overline{)102.0} \\ \underline{102} \\ 0 \end{array}$$

(1) 16 (44)

$$\begin{array}{r} 16.95 \\ + 5.79 \\ \hline 22.74 \end{array}$$

(5)

$$\begin{array}{r} 719 \\ \times 9 \\ \hline 6471 \end{array}$$

(4)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

78% of 25

$$= 19.5$$

(4)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3) 18 (62)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

$$\begin{array}{r} 8.75 \\ - 5 \\ \hline 3.75 \end{array}$$

(4)

46% of 25

$$= 11.5$$

(4)

$$\begin{array}{r} 93.6 \\ \times 4 \\ \hline 374.4 \end{array}$$

(5) 18 (80)

$$\begin{array}{r} 63.4 \\ \times 1.5 \\ \hline 95.1 \end{array}$$

(4)

$$\frac{8}{9} \div \frac{9}{10} = \frac{80}{81}$$

(4)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\frac{8}{9} \times \frac{2}{3} = \frac{16}{27}$$

(4)

$$\frac{2}{3} + \frac{1}{6} = \frac{5}{6}$$

(2) 16 (96)

AIMSweb® Mathematics Computation 2 Progress Monitor #17 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Decimal

$$1 - \frac{7}{9} = \frac{2}{9}$$

(2)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

11 (107)

$$\frac{7}{9} \div \frac{8}{9} = \frac{7}{8}$$

(2)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\frac{2}{3} + \frac{4}{3} = 2$$

(1)

56% of 30

$$= 16.8$$

(4)

$$\frac{1}{6} \div \frac{2}{3} = \frac{1}{4}$$

(2)

13 (120)

$$\begin{array}{r} 902 \\ \times 7 \\ \hline 6314 \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\begin{array}{r} 730 \\ \times 86 \\ \hline 62780 \end{array}$$

(5)

$$\frac{4}{7} \div \frac{8}{9} = \frac{9}{14}$$

(3)

17 (137)

$$6 \overline{) 10.1} \quad 1.683$$

(5)

$$1 - \frac{1}{4} = \frac{3}{4}$$

(2)

$$6 \overline{) 95} \text{ r } 1 \quad 95 \text{ r } 1$$

(3)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$\frac{1}{4} + \frac{1}{4} = \frac{1}{2}$$

(2)

14 (151)

$$\begin{array}{r} 28.83 \\ + 9.11 \\ \hline 37.94 \end{array}$$

(5)

$$\frac{2}{3} \times \frac{2}{9} = \frac{4}{27}$$

(3)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 51.6 \\ \times 2.7 \\ \hline 139.32 \end{array}$$

(6)

$$8 \overline{) 104} \text{ r } 2 \quad 104 \text{ r } 2$$

(4)

21 (172)

$$\begin{array}{r} 33.8 \\ \times 4.5 \\ \hline 152.1 \end{array}$$

(5)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$6 \overline{) 35.1} \quad 5.85$$

(4)

19 (191)

AIMSweb® Mathematics Computation 2 Progress Monitor #17 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$7 \overline{)21}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 45 \\ \times 4 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{1}{4} =$$

Convert to Decimal
 $\frac{3}{10} =$

$$2 \overline{)24}$$

$$\begin{array}{r} 960 \\ \times 62 \\ \hline \end{array}$$

75% of 48
=

$$\begin{array}{r} 17.1 \\ - 1.9 \\ \hline \end{array}$$

$$\begin{array}{r} 90.8 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{8} =$

$$29 \overline{)362}$$

Convert to Fraction
.25 =

$$\begin{array}{r} 8856 \\ 7963 \\ 4084 \\ + 1739 \\ \hline \end{array}$$

$$17 \overline{)102.0}$$

$$\begin{array}{r} 16.95 \\ + 5.79 \\ \hline \end{array}$$

$$\begin{array}{r} 719 \\ \times 9 \\ \hline \end{array}$$

Convert to Fraction
.4 =

78% of 25
=

Convert to Fraction
.9 =

Convert to Decimal
 $\frac{3}{5} =$

Convert to Fraction
.3 =

$$\begin{array}{r} 8.75 \\ - 5 \\ \hline \end{array}$$

46% of 25
=

$$\begin{array}{r} 93.6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 63.4 \\ \times 1.5 \\ \hline \end{array}$$

$$\frac{8}{9} \div \frac{9}{10} =$$

Convert to Fraction
.2 =

$$\frac{8}{9} \times \frac{2}{3} =$$

$$\frac{2}{3} + \frac{1}{6} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #17 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$1 - \frac{7}{9} =$$

Convert to Decimal

$$\frac{2}{5} =$$

Convert to Fraction
 $.6 =$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Decimal
 $\frac{7}{9} / \frac{8}{9} =$

Convert to Decimal
 $\frac{2}{3} =$

$$\frac{2}{3} + \frac{4}{3} =$$

56% of 30
 $=$

$$\frac{1}{6} / \frac{2}{3} =$$

$$\begin{array}{r} 902 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

Convert to Decimal
 $\frac{4}{5} =$

$$\begin{array}{r} 730 \\ \times 86 \\ \hline \end{array}$$

$$\frac{4}{7} / \frac{8}{9} =$$

$$6 \overline{)10.1}$$

$$1 - \frac{1}{4} =$$

$$6 \overline{)571}$$

Convert to Decimal
 $\frac{1}{5} =$

$$\frac{1}{4} + \frac{1}{4} =$$

$$\begin{array}{r} 28.83 \\ + 9.11 \\ \hline \end{array}$$

$$\frac{2}{3} * \frac{2}{9} =$$

Convert to Fraction
 $.7 =$

$$\begin{array}{r} 51.6 \\ \times 2.7 \\ \hline \end{array}$$

$$8 \overline{)834}$$

$$\begin{array}{r} 33.8 \\ \times 4.5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{3} =$

Convert to Fraction
 $.8 =$

Convert to Decimal
 $\frac{5}{8} =$

$$6 \overline{)35.1}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #18 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|--|---|---|---------|
| $\begin{array}{r} 9 \text{ r } 3 \\ 5 \overline{)48} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$ <p>(2)</p> | $\frac{7}{8} + \frac{3}{4} = 1\frac{5}{8}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p> | 11 (11) |
|--|--|--|---|---|---------|

| | | | | | |
|---|---|-------------------------------------|--|--|---------|
| $\begin{array}{r} 6 \text{ r } 19 \\ 21 \overline{)145} \end{array}$ <p>(3)</p> | $\begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array}$ <p>(2)</p> | <p>75% of 10</p> $= 7.5$ <p>(3)</p> | $\begin{array}{r} 23.7 \\ - 8.82 \\ \hline 14.88 \end{array}$ <p>(5)</p> | $\begin{array}{r} 70.5 \\ \times 3 \\ \hline 211.5 \end{array}$ <p>(5)</p> | 18 (29) |
|---|---|-------------------------------------|--|--|---------|

| | | | | | |
|---|--|--|---|---|---------|
| <p>Convert to Decimal</p> $\frac{1}{3} = .333$ <p>(4)</p> | $\begin{array}{r} 7 \text{ r } 6 \\ 8 \overline{)62} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | $\begin{array}{r} 7656 \\ 6263 \\ 3427 \\ + 523 \\ \hline 17869 \end{array}$ <p>(5)</p> | $\begin{array}{r} 7.833 \\ 3 \overline{)23.5} \end{array}$ <p>(5)</p> | 18 (47) |
|---|--|--|---|---|---------|

| | | | | | |
|---|--|---|---------------------------------------|---|---------|
| $\begin{array}{r} 22.97 \\ + 2.92 \\ \hline 25.89 \end{array}$ <p>(5)</p> | $\begin{array}{r} 408 \\ \times 74 \\ \hline 30192 \end{array}$ <p>(5)</p> | <p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p> | <p>75% of 45</p> $= 33.75$ <p>(5)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | 20 (67) |
|---|--|---|---------------------------------------|---|---------|

| | | | | | |
|--|--|---|---------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 69.48 \\ - 2.02 \\ \hline 67.46 \end{array}$ <p>(5)</p> | <p>89% of 75</p> $= 66.75$ <p>(5)</p> | $\begin{array}{r} 68.3 \\ \times 9 \\ \hline 614.7 \end{array}$ <p>(5)</p> | 20 (87) |
|--|--|---|---------------------------------------|--|---------|

| | | | | | |
|---|---|--|---|--|----------|
| $\begin{array}{r} 38.7 \\ \times 3.8 \\ \hline 147.06 \end{array}$ <p>(6)</p> | $\frac{5}{9} \div \frac{3}{5} = \frac{25}{27}$ <p>(4)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | $\frac{2}{5} * \frac{2}{3} = \frac{4}{15}$ <p>(3)</p> | $\frac{3}{8} + \frac{1}{8} = \frac{1}{2}$ <p>(2)</p> | 17 (104) |
|---|---|--|---|--|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #18 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$1 - \frac{3}{4} = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

14 (118)

$$\frac{1}{8} \div \frac{2}{3} = \frac{3}{16}$$

(3)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$\frac{2}{3} + \frac{7}{6} = 1\frac{5}{6}$$

(3)

75% of 27

$$= 20.25$$

(5)

$$\frac{1}{6} \div \frac{1}{4} = \frac{2}{3}$$

(2)

17 (135)

$$\begin{array}{r} 470 \\ \times 4 \\ \hline 1880 \end{array}$$

(4)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$$

(2)

$$\frac{1}{4} \div \frac{1}{2} = \frac{1}{2}$$

(2)

12 (147)

$$15 \overline{)103.5}$$

(3)

$$\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$$

(2)

$$44 \overline{)284} \text{ 6 r 20}$$

(3)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\frac{5}{6} + \frac{4}{3} = 2\frac{1}{6}$$

(3)

13 (160)

$$\begin{array}{r} 16.22 \\ + 4.97 \\ \hline 21.19 \end{array}$$

(5)

$$\frac{8}{9} \times \frac{8}{9} = \frac{64}{81}$$

(4)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 46.1 \\ \times 3.7 \\ \hline 170.57 \end{array}$$

(6)

$$5 \overline{)24} \text{ 4 r 4}$$

(2)

19 (179)

$$\begin{array}{r} 39.3 \\ \times 4.4 \\ \hline 172.92 \end{array}$$

(6)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$3 \overline{)11.767}$$

(6)

23 (202)

AIMSweb® Mathematics Computation 2 Progress Monitor #18 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$5 \overline{)48}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{3}{4} =$$

Convert to Decimal
 $\frac{1}{2} =$

$$21 \overline{)145}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

75% of 10
=

$$\begin{array}{r} 23.7 \\ - 8.82 \\ \hline \end{array}$$

$$\begin{array}{r} 70.5 \\ \times 3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{3} =$

$$8 \overline{)62}$$

Convert to Fraction
.8 =

$$\begin{array}{r} 7656 \\ 6263 \\ 3427 \\ + 523 \\ \hline \end{array}$$

$$3 \overline{)23.5}$$

$$\begin{array}{r} 22.97 \\ + 2.92 \\ \hline \end{array}$$

$$\begin{array}{r} 408 \\ \times 74 \\ \hline \end{array}$$

Convert to Fraction
.9 =

75% of 45
=

Convert to Fraction
.75 =

Convert to Decimal
 $\frac{1}{4} =$

Convert to Fraction
.5 =

$$\begin{array}{r} 69.48 \\ - 2.02 \\ \hline \end{array}$$

89% of 75
=

$$\begin{array}{r} 68.3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 38.7 \\ \times 3.8 \\ \hline \end{array}$$

$$\frac{5}{9} \div \frac{3}{5} =$$

Convert to Fraction
.6 =

$$\frac{2}{5} * \frac{2}{3} =$$

$$\frac{3}{8} + \frac{1}{8} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #18 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{1}{5} =$$

$$1 - \frac{3}{4} =$$

Convert to Decimal

$$\frac{3}{4} =$$

Convert to Fraction
.7 =

Convert to Decimal

$$\frac{1}{8} =$$

Convert to Decimal

$$\frac{1}{8} / \frac{2}{3} =$$

$$\frac{7}{8} =$$

$$\frac{2}{3} + \frac{7}{6} =$$

75% of 27 =

$$\frac{1}{6} / \frac{1}{4} =$$

Convert to Decimal

$$\begin{array}{r} 470 \\ \times 4 \\ \hline \end{array}$$

$$\frac{4}{5} =$$

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{5}{\times 5}$$

$$\frac{1}{4} / \frac{1}{2} =$$

$$15 \overline{)103.5}$$

$$\frac{4}{5} - \frac{1}{5} =$$

$$44 \overline{)284}$$

Convert to Decimal

$$\frac{2}{5} =$$

$$\frac{5}{6} + \frac{4}{3} =$$

$$\begin{array}{r} 16.22 \\ + 4.97 \\ \hline \end{array}$$

$$\frac{8}{9} * \frac{8}{9} =$$

Convert to Fraction

$$.25 =$$

$$\begin{array}{r} 46.1 \\ \times 3.7 \\ \hline \end{array}$$

$$5 \overline{)24}$$

Convert to Decimal

$$\begin{array}{r} 39.3 \\ \times 4.4 \\ \hline \end{array}$$

$$\frac{5}{8} =$$

Convert to Fraction

$$.3 =$$

Convert to Decimal

$$\frac{2}{3} =$$

$$3 \overline{)35.3}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #19 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|--|---|--|---|----------------|
| $\begin{array}{r} 13 \text{ r } 2 \\ 5 \overline{)67} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 271 \\ \times 13 \\ \hline 3523 \end{array}$ <p>(4)</p> | $\frac{7}{8} + \frac{9}{8} = 2$ <p>(1)</p> | <p>Convert to Decimal</p> $\frac{7}{8} = .875$ <p>(4)</p> | <p>14 (14)</p> |
|---|--|---|--|---|----------------|

| | | | | | |
|--|--|--------------------------------------|--|---|----------------|
| $\begin{array}{r} 49 \text{ r } 6 \\ 9 \overline{)447} \end{array}$ <p>(3)</p> | $\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$ <p>(2)</p> | <p>42% of 25</p> $= 10.5$ <p>(4)</p> | $\begin{array}{r} 11.18 \\ - 1.54 \\ \hline 9.64 \end{array}$ <p>(4)</p> | $\begin{array}{r} 24.4 \\ \times 4 \\ \hline 97.6 \end{array}$ <p>(4)</p> | <p>17 (31)</p> |
|--|--|--------------------------------------|--|---|----------------|

| | | | | | |
|---|--|---|--|--|----------------|
| <p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p> | $\begin{array}{r} 2 \text{ r } 2 \\ 6 \overline{)14} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p> | $\begin{array}{r} 8728 \\ 8173 \\ 5241 \\ + 1175 \\ \hline 23317 \end{array}$ <p>(5)</p> | $\begin{array}{r} 1.6 \\ 4 \overline{)6.4} \end{array}$ <p>(3)</p> | <p>15 (46)</p> |
|---|--|---|--|--|----------------|

| | | | | | |
|--|---|--|-----------------------------------|---|----------------|
| $\begin{array}{r} 10.9 \\ + 9.2 \\ \hline 20.1 \end{array}$ <p>(4)</p> | $\begin{array}{r} 12 \\ \times 11 \\ \hline 132 \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | <p>28% of 25</p> $= 7$ <p>(1)</p> | <p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p> | <p>13 (59)</p> |
|--|---|--|-----------------------------------|---|----------------|

| | | | | | |
|--|--|--|------------------------------------|--|----------------|
| <p>Convert to Decimal</p> $\frac{9}{10} = .9$ <p>(2)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 66.14 \\ - 3.5 \\ \hline 62.64 \end{array}$ <p>(5)</p> | <p>44% of 25</p> $= 11$ <p>(2)</p> | $\begin{array}{r} 61.7 \\ \times 7 \\ \hline 431.9 \end{array}$ <p>(5)</p> | <p>16 (75)</p> |
|--|--|--|------------------------------------|--|----------------|

| | | | | | |
|---|---|--|---|---|----------------|
| $\begin{array}{r} 18.5 \\ \times 3.4 \\ \hline 62.9 \end{array}$ <p>(4)</p> | $\frac{8}{9} \div \frac{1}{9} = 8$ <p>(1)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | $\frac{5}{7} \times \frac{8}{9} = \frac{40}{63}$ <p>(4)</p> | $\frac{8}{9} + \frac{7}{9} = 1\frac{2}{3}$ <p>(3)</p> | <p>14 (89)</p> |
|---|---|--|---|---|----------------|

AIMSweb® Mathematics Computation 2 Progress Monitor #19 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Decimal

$$1 - \frac{8}{9} = \frac{1}{9}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

14 (103)

$$\frac{6}{7} / \frac{7}{9} = 1\frac{5}{49}$$

(4)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

$$\frac{1}{2} + \frac{7}{4} = 2\frac{1}{4}$$

(3)

75% of 62

$$= 46.5$$

(4)

$$\frac{1}{3} / \frac{9}{10} = \frac{10}{27}$$

(4)

17 (120)

$$\begin{array}{r} 487 \\ \times 91 \\ \hline 44317 \end{array}$$

(5)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\begin{array}{r} 10 \\ \times 9 \\ \hline 90 \end{array}$$

(2)

$$\frac{4}{9} / \frac{4}{5} = \frac{5}{9}$$

(2)

15 (135)

$$\begin{array}{r} 11.65 \\ 6 \overline{) 69.9} \end{array}$$

(5)

$$\frac{7}{8} - \frac{3}{4} = \frac{1}{8}$$

(2)

$$\begin{array}{r} 0 \text{ r } 2 \\ 8 \overline{) 2} \end{array}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

$$\frac{1}{2} + \frac{9}{4} = 2\frac{3}{4}$$

(3)

14 (149)

$$\begin{array}{r} 80.77 \\ + 4.26 \\ \hline 85.03 \end{array}$$

(5)

$$\frac{8}{9} * \frac{9}{10} = \frac{4}{5}$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 28.6 \\ \times 4.1 \\ \hline 117.26 \end{array}$$

(6)

$$\begin{array}{r} 79 \text{ r } 7 \\ 8 \overline{) 639} \end{array}$$

(3)

18 (167)

$$\begin{array}{r} 53.8 \\ \times 8.9 \\ \hline 478.82 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$\begin{array}{r} 32.3 \\ 3 \overline{) 96.9} \end{array}$$

(4)

17 (184)

AIMSweb® Mathematics Computation 2 Progress Monitor #19 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$5 \overline{)67}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 271 \\ \times 13 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{9}{8} =$$

Convert to Decimal
 $\frac{7}{8} =$

$$9 \overline{)447}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

42% of 25
=

$$\begin{array}{r} 11.18 \\ - 1.54 \\ \hline \end{array}$$

$$\begin{array}{r} 24.4 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

$$6 \overline{)14}$$

Convert to Fraction
.1 =

$$\begin{array}{r} 8728 \\ 8173 \\ 5241 \\ + 1175 \\ \hline \end{array}$$

$$4 \overline{)6.4}$$

$$\begin{array}{r} 10.9 \\ + 9.2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

Convert to Fraction
.6 =

28% of 25
=

Convert to Fraction
.7 =

Convert to Decimal
 $\frac{9}{10} =$

Convert to Fraction
.4 =

$$\begin{array}{r} 66.14 \\ - 3.5 \\ \hline \end{array}$$

44% of 25
=

$$\begin{array}{r} 61.7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 18.5 \\ \times 3.4 \\ \hline \end{array}$$

$$\frac{8}{9} \div \frac{1}{9} =$$

Convert to Fraction
.2 =

$$\frac{5}{7} * \frac{8}{9} =$$

$$\frac{8}{9} + \frac{7}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #19 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{2}{3} =$$

$$1 - \frac{8}{9} =$$

Convert to Decimal

$$\frac{4}{5} =$$

Convert to Fraction
 $.25 =$

Convert to Decimal

$$\frac{1}{3} =$$

Convert to Decimal
 $\frac{6}{7} / \frac{7}{9} =$

Convert to Decimal
 $\frac{1}{10} =$

$$\frac{1}{2} + \frac{7}{4} =$$

75% of 62
 $=$

$$\frac{1}{3} / \frac{9}{10} =$$

$$\begin{array}{r} 487 \\ \times 91 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

Convert to Decimal
 $\frac{2}{5} =$

$$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$$

$$\frac{4}{9} / \frac{4}{5} =$$

$$6 \overline{)69.9}$$

$$\frac{7}{8} - \frac{3}{4} =$$

$$8 \overline{)2}$$

Convert to Decimal
 $\frac{1}{2} =$

$$\frac{1}{2} + \frac{9}{4} =$$

$$\begin{array}{r} 80.77 \\ + 4.26 \\ \hline \end{array}$$

$$\frac{8}{9} * \frac{9}{10} =$$

Convert to Fraction
 $.8 =$

$$\begin{array}{r} 28.6 \\ \times 4.1 \\ \hline \end{array}$$

$$8 \overline{)639}$$

$$\begin{array}{r} 53.8 \\ \times 8.9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

Convert to Fraction
 $.75 =$

Convert to Decimal
 $\frac{3}{5} =$

$$3 \overline{)96.9}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #20 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|--|--|---|---|---------|
| $\begin{array}{r} 13 \text{ r } 3 \\ 7 \overline{)94} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 671 \\ \times 7 \\ \hline 4697 \end{array}$ <p>(4)</p> | $\frac{5}{6} + \frac{2}{3} = 1\frac{1}{2}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p> | 14 (14) |
|---|--|--|---|---|---------|

| | | | | | |
|---|--|------------------------------------|--|--|---------|
| $\begin{array}{r} 64 \\ 4 \overline{)256} \end{array}$ <p>(2)</p> | $\begin{array}{r} 98 \\ \times 5 \\ \hline 490 \end{array}$ <p>(3)</p> | <p>48% of 25</p> $= 12$ <p>(2)</p> | $\begin{array}{r} 17.56 \\ - 4.26 \\ \hline 13.3 \end{array}$ <p>(4)</p> | $\begin{array}{r} 81.6 \\ \times 9 \\ \hline 734.4 \end{array}$ <p>(5)</p> | 16 (30) |
|---|--|------------------------------------|--|--|---------|

| | | | | | |
|---|---|--|--|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p> | $\begin{array}{r} 37 \text{ r } 4 \\ 17 \overline{)633} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | $\begin{array}{r} 8364 \\ 4967 \\ 3504 \\ + 2894 \\ \hline 19729 \end{array}$ <p>(5)</p> | $\begin{array}{r} 1.4 \\ 20 \overline{)28.0} \end{array}$ <p>(3)</p> | 15 (45) |
|---|---|--|--|--|---------|

| | | | | | |
|---|--|--|---------------------------------------|---|---------|
| $\begin{array}{r} 37.42 \\ + 5.86 \\ \hline 43.28 \end{array}$ <p>(5)</p> | $\begin{array}{r} 720 \\ \times 5 \\ \hline 3600 \end{array}$ <p>(4)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | <p>89% of 25</p> $= 22.25$ <p>(5)</p> | <p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p> | 19 (64) |
|---|--|--|---------------------------------------|---|---------|

| | | | | | |
|--|---|--|---------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | $\begin{array}{r} 56.23 \\ - 4.6 \\ \hline 51.63 \end{array}$ <p>(5)</p> | <p>61% of 25</p> $= 15.25$ <p>(5)</p> | $\begin{array}{r} 73.5 \\ \times 2 \\ \hline 147 \end{array}$ <p>(3)</p> | 18 (82) |
|--|---|--|---------------------------------------|--|---------|

| | | | | | |
|---|--|--|--|--|---------|
| $\begin{array}{r} 71.7 \\ \times 8.9 \\ \hline 638.13 \end{array}$ <p>(6)</p> | $\frac{5}{8} \div \frac{1}{9} = 5\frac{5}{8}$ <p>(3)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\frac{2}{3} * \frac{3}{7} = \frac{2}{7}$ <p>(2)</p> | $\frac{1}{9} + \frac{7}{9} = \frac{8}{9}$ <p>(2)</p> | 15 (97) |
|---|--|--|--|--|---------|

AIMSweb® Mathematics Computation 2 Progress Monitor #20 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\frac{9}{10} - \frac{7}{10} = \frac{1}{5}$$

(2)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

13 (110)

$$\frac{3}{5} \div \frac{8}{9} = \frac{27}{40}$$

(4)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\frac{7}{9} + \frac{8}{9} = 1\frac{2}{3}$$

(3)

87% of 25

$$= 21.75$$

(5)

$$\frac{7}{9} \div \frac{8}{9} = \frac{7}{8}$$

(2)

16 (126)

$$\begin{array}{r} 738 \\ \times 24 \\ \hline 17712 \end{array}$$

(5)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$\begin{array}{r} 471 \\ \times 4 \\ \hline 1884 \end{array}$$

(4)

$$\frac{8}{9} \div \frac{1}{8} = 7\frac{1}{9}$$

(3)

18 (144)

$$\begin{array}{r} 2.8 \\ 6 \overline{)16.8} \end{array}$$

(3)

$$\frac{7}{9} - \frac{4}{9} = \frac{1}{3}$$

(2)

$$\begin{array}{r} 20 \text{ r } 5 \\ 8 \overline{)165} \end{array}$$

(3)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

$$\frac{3}{4} + \frac{3}{8} = 1\frac{1}{8}$$

(3)

15 (159)

$$\begin{array}{r} 54.3 \\ + 7.7 \\ \hline 62 \end{array}$$

(2)

$$\frac{2}{3} \times \frac{4}{9} = \frac{8}{27}$$

(3)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 51.6 \\ \times 9.1 \\ \hline 469.56 \end{array}$$

(6)

$$\begin{array}{r} 25 \text{ r } 1 \\ 3 \overline{)76} \end{array}$$

(3)

17 (176)

$$\begin{array}{r} 33.3 \\ \times 4.5 \\ \hline 149.85 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$\begin{array}{r} 2.5 \\ 7 \overline{)17.5} \end{array}$$

(3)

19 (195)

AIMSweb® Mathematics Computation 2 Progress Monitor #20 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$7 \overline{)94}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 671 \\ \times 7 \\ \hline \end{array}$$

$$\frac{5}{6} + \frac{2}{3} =$$

Convert to Decimal
 $\frac{1}{5} =$

$$4 \overline{)256}$$

$$\begin{array}{r} 98 \\ \times 5 \\ \hline \end{array}$$

48% of 25
=

$$\begin{array}{r} 17.56 \\ - 4.26 \\ \hline \end{array}$$

$$\begin{array}{r} 81.6 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{2} =$

$$17 \overline{)633}$$

Convert to Fraction
.2 =

$$\begin{array}{r} 8364 \\ 4967 \\ 3504 \\ + 2894 \\ \hline \end{array}$$

$$20 \overline{)28.0}$$

$$\begin{array}{r} 37.42 \\ + 5.86 \\ \hline \end{array}$$

$$\begin{array}{r} 720 \\ \times 5 \\ \hline \end{array}$$

Convert to Fraction
.6 =

89% of 25
=

Convert to Fraction
.9 =

Convert to Decimal
 $\frac{1}{4} =$

Convert to Fraction
.75 =

$$\begin{array}{r} 56.23 \\ - 4.6 \\ \hline \end{array}$$

61% of 25
=

$$\begin{array}{r} 73.5 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 71.7 \\ \times 8.9 \\ \hline \end{array}$$

$$\frac{5}{8} \div \frac{1}{9} =$$

Convert to Fraction
.5 =

$$\frac{2}{3} * \frac{3}{7} =$$

$$\frac{1}{9} + \frac{7}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #20 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{2}{3} =$$

$$\frac{9}{10} - \frac{7}{10} =$$

Convert to Decimal

$$\frac{3}{4} =$$

Convert to Fraction
 $.8 =$

Convert to Decimal

$$\frac{3}{5} =$$

Convert to Decimal
 $\frac{3}{5} / \frac{8}{9} =$

Convert to Decimal
 $\frac{2}{5} =$

$$\frac{7}{9} + \frac{8}{9} =$$

87% of 25
 $=$

$$\frac{7}{9} / \frac{8}{9} =$$

$$\begin{array}{r} 738 \\ \times 24 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

Convert to Decimal
 $\frac{7}{8} =$

$$\begin{array}{r} 471 \\ \times 4 \\ \hline \end{array}$$

$$\frac{8}{9} / \frac{1}{8} =$$

$$6 \overline{)16.8}$$

$$\frac{7}{9} - \frac{4}{9} =$$

$$8 \overline{)165}$$

Convert to Decimal
 $\frac{3}{8} =$

$$\frac{3}{4} + \frac{3}{8} =$$

$$\begin{array}{r} 54.3 \\ + 7.7 \\ \hline \end{array}$$

$$\frac{2}{3} * \frac{4}{9} =$$

Convert to Fraction
 $.7 =$

$$\begin{array}{r} 51.6 \\ \times 9.1 \\ \hline \end{array}$$

$$3 \overline{)76}$$

$$\begin{array}{r} 33.3 \\ \times 4.5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{3} =$

Convert to Fraction
 $.25 =$

Convert to Decimal
 $\frac{5}{8} =$

$$7 \overline{)17.5}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #21 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|--|--|---|---------|
| $\begin{array}{r} 7 \text{ r } 5 \\ 7 \overline{)54} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 190 \\ \times 86 \\ \hline 16340 \end{array}$ <p>(5)</p> | $\frac{9}{10} + \frac{1}{10} = 1$ <p>(1)</p> | <p>Convert to Decimal</p> $\frac{3}{5} = .6$ <p>(2)</p> | 12 (12) |
|--|--|--|--|---|---------|

| | | | | | |
|---|--|-------------------------------------|---|--|---------|
| $\begin{array}{r} 15 \text{ r } 5 \\ 6 \overline{)95} \end{array}$ <p>(3)</p> | $\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$ <p>(2)</p> | <p>34% of 25</p> $= 8.5$ <p>(3)</p> | $\begin{array}{r} 87.26 \\ - 5.72 \\ \hline 81.54 \end{array}$ <p>(5)</p> | $\begin{array}{r} 49.4 \\ \times 4 \\ \hline 197.6 \end{array}$ <p>(5)</p> | 18 (30) |
|---|--|-------------------------------------|---|--|---------|

| | | | | | |
|--|--|--|--|---|---------|
| <p>Convert to Decimal</p> $\frac{9}{10} = .9$ <p>(2)</p> | $\begin{array}{r} 6 \text{ r } 4 \\ 7 \overline{)46} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 8274 \\ 8122 \\ 6287 \\ + 2149 \\ \hline 24832 \end{array}$ <p>(5)</p> | $\begin{array}{r} 6.9 \\ 17 \overline{)117.3} \end{array}$ <p>(3)</p> | 14 (44) |
|--|--|--|--|---|---------|

| | | | | | |
|--|--|---|------------------------------------|---|---------|
| $\begin{array}{r} 16.58 \\ + 6.5 \\ \hline 23.08 \end{array}$ <p>(5)</p> | $\begin{array}{r} 64 \\ \times 5 \\ \hline 320 \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | <p>75% of 40</p> $= 30$ <p>(2)</p> | <p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p> | 15 (59) |
|--|--|---|------------------------------------|---|---------|

| | | | | | |
|---|--|---|--------------------------------------|---|---------|
| <p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | $\begin{array}{r} 51.29 \\ - 1.65 \\ \hline 49.64 \end{array}$ <p>(5)</p> | <p>90% of 52</p> $= 46.8$ <p>(4)</p> | $\begin{array}{r} 20.3 \\ \times 2 \\ \hline 40.6 \end{array}$ <p>(4)</p> | 17 (76) |
|---|--|---|--------------------------------------|---|---------|

| | | | | | |
|---|---|--|---|---|---------|
| $\begin{array}{r} 53.1 \\ \times 9.3 \\ \hline 493.83 \end{array}$ <p>(6)</p> | $\frac{7}{9} / \frac{9}{10} = \frac{70}{81}$ <p>(4)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | $\frac{5}{8} * \frac{1}{3} = \frac{5}{24}$ <p>(3)</p> | $\frac{1}{4} + \frac{7}{8} = 1\frac{1}{8}$ <p>(3)</p> | 18 (94) |
|---|---|--|---|---|---------|

AIMSweb® Mathematics Computation 2 Progress Monitor #21 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

Convert to Decimal

$$\frac{7}{8} - \frac{1}{8} = \frac{3}{4}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4) 12 (106)

$$\frac{6}{7} \div \frac{5}{6} = 1\frac{1}{35}$$

(4)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\frac{6}{7} + \frac{4}{7} = 1\frac{3}{7}$$

(3)

78% of 25

$$= 19.5$$

(4)

$$\frac{3}{7} \div \frac{5}{8} = \frac{24}{35}$$

(4) 18 (124)

$$\begin{array}{r} 852 \\ \times 9 \\ \hline 7668 \end{array}$$

(4)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$$

(2)

$$\frac{3}{4} \div \frac{1}{7} = 5\frac{1}{4}$$

(3) 15 (139)

$$3 \overline{)42.3}$$

(4)

$$\frac{4}{9} - \frac{2}{9} = \frac{2}{9}$$

(2)

$$4 \overline{)40}$$

(2)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\frac{8}{9} + \frac{1}{3} = 1\frac{2}{9}$$

(3) 15 (154)

$$\begin{array}{r} 70.95 \\ + 4.18 \\ \hline 75.13 \end{array}$$

(5)

$$\frac{1}{2} \times \frac{4}{5} = \frac{2}{5}$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 9.6 \\ \times 9.2 \\ \hline 88.32 \end{array}$$

(5)

$$6 \overline{)61} \text{ } 10 \text{ r } 1$$

(3) 17 (171)

$$\begin{array}{r} 8.5 \\ \times 3.6 \\ \hline 30.6 \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

$$6 \overline{)66.8}$$

(6) 17 (188)

AIMSweb® Mathematics Computation 2 Progress Monitor #21 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$7 \overline{)54}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 190 \\ \times 86 \\ \hline \end{array}$$

$$\frac{9}{10} + \frac{1}{10} =$$

Convert to Decimal
 $\frac{3}{5} =$

$$6 \overline{)95}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

34% of 25
=

$$\begin{array}{r} 87.26 \\ - 5.72 \\ \hline \end{array}$$

$$\begin{array}{r} 49.4 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{9}{10} =$

$$7 \overline{)46}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 8274 \\ 8122 \\ 6287 \\ + 2149 \\ \hline \end{array}$$

$$17 \overline{)117.3}$$

$$\begin{array}{r} 16.58 \\ + 6.5 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 5 \\ \hline \end{array}$$

Convert to Fraction
.75 =

75% of 40
=

Convert to Fraction
.7 =

Convert to Decimal
 $\frac{2}{5} =$

Convert to Fraction
.6 =

$$\begin{array}{r} 51.29 \\ - 1.65 \\ \hline \end{array}$$

90% of 52
=

$$\begin{array}{r} 20.3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 53.1 \\ \times 9.3 \\ \hline \end{array}$$

$$\frac{7}{9} \div \frac{9}{10} =$$

Convert to Fraction
.2 =

$$\frac{5}{8} * \frac{1}{3} =$$

$$\frac{1}{4} + \frac{7}{8} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #21 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{7}{10} =$$

$$\frac{7}{8} - \frac{1}{8} =$$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Fraction
.25 =

Convert to Decimal

$$\frac{1}{3} =$$

Convert to Decimal
 $\frac{6}{7} / \frac{5}{6} =$

Convert to Decimal
 $\frac{3}{4} =$

$$\frac{6}{7} + \frac{4}{7} =$$

78% of 25
=

$$\frac{3}{7} / \frac{5}{8} =$$

$$\begin{array}{r} 852 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

Convert to Decimal
 $\frac{4}{5} =$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\frac{3}{4} / \frac{1}{7} =$$

$$3 \overline{)42.3}$$

$$\frac{4}{9} - \frac{2}{9} =$$

$$4 \overline{)40}$$

Convert to Decimal
 $\frac{2}{3} =$

$$\frac{8}{9} + \frac{1}{3} =$$

$$\begin{array}{r} 70.95 \\ + 4.18 \\ \hline \end{array}$$

$$\frac{1}{2} * \frac{4}{5} =$$

Convert to Fraction
.8 =

$$\begin{array}{r} 9.6 \\ \times 9.2 \\ \hline \end{array}$$

$$6 \overline{)61}$$

$$\begin{array}{r} 8.5 \\ \times 3.6 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

Convert to Fraction
.9 =

Convert to Decimal
 $\frac{3}{10} =$

$$6 \overline{)66.8}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #22 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|---|--|--|--|---------|
| $\begin{array}{r} 11 \overline{) 77} \\ (1) \end{array}$ | Convert to Fraction $.5 = \frac{1}{2}$ (2) | $\begin{array}{r} 71 \\ \times 9 \\ \hline 639 \\ (3) \end{array}$ | $\frac{6}{7} + \frac{6}{7} = 1\frac{5}{7}$ (3) | Convert to Decimal $\frac{1}{5} = .2$ (2) | 11 (11) |
|--|---|--|--|--|---------|

| | | | | | |
|---|--|--------------------------|---|---|---------|
| $\begin{array}{r} 10 \\ 4 \overline{) 40} \\ (2) \end{array}$ | $\begin{array}{r} 735 \\ \times 8 \\ \hline 5880 \\ (4) \end{array}$ | 31% of 20 $= 6.2$ (3) | $\begin{array}{r} 51.44 \\ - 2.55 \\ \hline 48.89 \\ (5) \end{array}$ | $\begin{array}{r} 24.1 \\ \times 4 \\ \hline 96.4 \\ (4) \end{array}$ | 18 (29) |
|---|--|--------------------------|---|---|---------|

| | | | | | |
|--|--|---|--|---|---------|
| Convert to Decimal $\frac{3}{5} = .6$ (2) | $\begin{array}{r} 16 \text{ r } 6 \\ 25 \overline{) 406} \\ (3) \end{array}$ | Convert to Fraction $.2 = \frac{1}{5}$ (2) | $\begin{array}{r} 6966 \\ 5094 \\ 4768 \\ + 3462 \\ \hline 20290 \\ (5) \end{array}$ | $\begin{array}{r} 30.167 \\ 3 \overline{) 90.5} \\ (6) \end{array}$ | 18 (47) |
|--|--|---|--|---|---------|

| | | | | | |
|---|--|---|----------------------------|--|---------|
| $\begin{array}{r} 84.78 \\ + 7.48 \\ \hline 92.26 \\ (5) \end{array}$ | $\begin{array}{r} 82 \\ \times 9 \\ \hline 738 \\ (3) \end{array}$ | Convert to Fraction $.4 = \frac{2}{5}$ (2) | 75% of 71 $= 53.25$ (5) | Convert to Fraction $.7 = \frac{7}{10}$ (3) | 18 (65) |
|---|--|---|----------------------------|--|---------|

| | | | | | |
|---|---|--|----------------------------|--|---------|
| Convert to Decimal $\frac{1}{4} = .25$ (3) | Convert to Fraction $.8 = \frac{4}{5}$ (2) | $\begin{array}{r} 83.96 \\ - 6.4 \\ \hline 77.56 \\ (5) \end{array}$ | 87% of 25 $= 21.75$ (5) | $\begin{array}{r} 97.6 \\ \times 2 \\ \hline 195.2 \\ (5) \end{array}$ | 20 (85) |
|---|---|--|----------------------------|--|---------|

| | | | | | |
|---|---|--|--|--|----------|
| $\begin{array}{r} 39.5 \\ \times 6.7 \\ \hline 264.65 \\ (6) \end{array}$ | $\frac{1}{9} \div \frac{5}{7} = \frac{7}{45}$ (3) | Convert to Fraction $.25 = \frac{1}{4}$ (2) | $\frac{6}{7} \times \frac{8}{9} = \frac{16}{21}$ (4) | $\frac{7}{8} + \frac{1}{4} = 1\frac{1}{8}$ (3) | 18 (103) |
|---|---|--|--|--|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #22 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\frac{4}{3} - \frac{1}{3} = 1$$

(1)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

14 (117)

$$\frac{9}{10} \div \frac{2}{3} = 1\frac{7}{20}$$

(4)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$\frac{1}{2} + \frac{3}{2} = 2$$

(1)

75% of 64

$$= 48$$

(2)

$$\frac{1}{4} \div \frac{6}{7} = \frac{7}{24}$$

(3)

14 (131)

$$\begin{array}{r} 925 \\ \times 30 \\ \hline 27750 \end{array}$$

(5)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 42 \\ \times 7 \\ \hline 294 \end{array}$$

(3)

$$\frac{8}{9} \div \frac{4}{7} = 1\frac{5}{9}$$

(3)

15 (146)

$$12 \overline{)21.6}$$

(3)

$$\frac{7}{8} - \frac{1}{4} = \frac{5}{8}$$

(2)

$$5 \overline{)40}$$

(1)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$\frac{4}{5} + \frac{4}{5} = 1\frac{3}{5}$$

(3)

13 (159)

$$\begin{array}{r} 5.67 \\ + 4.01 \\ \hline 9.68 \end{array}$$

(4)

$$\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$$

(2)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

$$\begin{array}{r} 75.4 \\ \times 2.4 \\ \hline 180.96 \end{array}$$

(6)

$$38 \overline{)0 \text{ r } 13}$$

(3)

17 (176)

$$\begin{array}{r} 18.1 \\ \times 5.5 \\ \hline 99.55 \end{array}$$

(5)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

$$6 \overline{)7.95}$$

(4)

15 (191)

AIMSweb® Mathematics Computation 2 Progress Monitor #22 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$11 \overline{)77}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 71 \\ \times 9 \\ \hline \end{array}$$

$$\frac{6}{7} + \frac{6}{7} =$$

Convert to Decimal
 $\frac{1}{5} =$

$$4 \overline{)40}$$

$$\begin{array}{r} 735 \\ \times 8 \\ \hline \end{array}$$

31% of 20
=

$$\begin{array}{r} 51.44 \\ - 2.55 \\ \hline \end{array}$$

$$\begin{array}{r} 24.1 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

$$25 \overline{)406}$$

Convert to Fraction
.2 =

$$\begin{array}{r} 6966 \\ 5094 \\ 4768 \\ + 3462 \\ \hline \end{array}$$

$$3 \overline{)90.5}$$

$$\begin{array}{r} 84.78 \\ + 7.48 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ \times 9 \\ \hline \end{array}$$

Convert to Fraction
.4 =

75% of 71
=

Convert to Fraction
.7 =

Convert to Decimal
 $\frac{1}{4} =$

Convert to Fraction
.8 =

$$\begin{array}{r} 83.96 \\ - 6.4 \\ \hline \end{array}$$

87% of 25
=

$$\begin{array}{r} 97.6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 39.5 \\ \times 6.7 \\ \hline \end{array}$$

$$\frac{1}{9} \div \frac{5}{7} =$$

Convert to Fraction
.25 =

$$\frac{6}{7} \times \frac{8}{9} =$$

$$\frac{7}{8} + \frac{1}{4} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #22 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{2}{3} =$$

$$\frac{4}{3} - \frac{1}{3} =$$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Fraction
 $.3 =$

Convert to Decimal

$$\frac{1}{3} =$$

$$\frac{9}{10} / \frac{2}{3} =$$

Convert to Decimal

$$\frac{5}{8} =$$

$$\frac{1}{2} + \frac{3}{2} =$$

75% of 64
 $=$

$$\frac{1}{4} / \frac{6}{7} =$$

$$\begin{array}{r} 925 \\ \times 30 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Decimal

$$\frac{9}{10} =$$

$$\begin{array}{r} 42 \\ \times 7 \\ \hline \end{array}$$

$$\frac{8}{9} / \frac{4}{7} =$$

$$12 \overline{)21.6}$$

$$\frac{7}{8} - \frac{1}{4} =$$

$$5 \overline{)40}$$

Convert to Decimal

$$\frac{7}{8} =$$

$$\frac{4}{5} + \frac{4}{5} =$$

$$\begin{array}{r} 5.67 \\ + 4.01 \\ \hline \end{array}$$

$$\frac{2}{3} * \frac{1}{2} =$$

Convert to Fraction
 $.6 =$

$$\begin{array}{r} 75.4 \\ \times 2.4 \\ \hline \end{array}$$

$$38 \overline{)13}$$

$$\begin{array}{r} 18.1 \\ \times 5.5 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{4}{5} =$$

Convert to Fraction
 $.75 =$

Convert to Decimal

$$\frac{7}{10} =$$

$$6 \overline{)47.7}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #23 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 4 \overline{) 20} \\ \underline{20} \\ 0 \end{array}$$

(1)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 55 \\ \times 36 \\ \hline 1980 \end{array}$$

(4)

$$\frac{5}{7} + \frac{5}{7} = 1\frac{3}{7}$$

(3)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3) 13 (13)

$$\begin{array}{r} 10 \overline{) 90} \\ \underline{90} \\ 0 \end{array}$$

(1)

$$\begin{array}{r} 496 \\ \times 6 \\ \hline 2976 \end{array}$$

(4)

53% of 25

$$= 13.25$$

(5)

$$\begin{array}{r} 75.21 \\ - 3.77 \\ \hline 71.44 \end{array}$$

(5)

$$\begin{array}{r} 93.9 \\ \times 4 \\ \hline 375.6 \end{array}$$

(5) 20 (33)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 5218 \\ 5029 \\ 2103 \\ + 801 \\ \hline 13151 \end{array}$$

(5)

$$\begin{array}{r} 7 \overline{) 21.0} \\ \underline{21} \\ 0 \end{array}$$

(1) 11 (44)

$$\begin{array}{r} 84.12 \\ + 3.83 \\ \hline 87.95 \end{array}$$

(5)

$$\begin{array}{r} 177 \\ \times 41 \\ \hline 7257 \end{array}$$

(4)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

89% of 25

$$= 22.25$$

(5)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2) 18 (62)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 73.75 \\ - 8.03 \\ \hline 65.72 \end{array}$$

(5)

75% of 34

$$= 25.5$$

(4)

$$\begin{array}{r} 92.9 \\ \times 6 \\ \hline 557.4 \end{array}$$

(5) 19 (81)

$$\begin{array}{r} 46.9 \\ \times 3.9 \\ \hline 182.91 \end{array}$$

(6)

$$1 \div \frac{2}{5} = 2\frac{1}{2}$$

(3)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\frac{5}{6} \times \frac{4}{7} = \frac{10}{21}$$

(4)

$$\frac{1}{2} + \frac{7}{8} = 1\frac{3}{8}$$

(3) 19 (100)

AIMSweb® Mathematics Computation 2 Progress Monitor #23 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

$$\frac{3}{4} - \frac{3}{8} = \frac{3}{8}$$

(2)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

13 (113)

$$\frac{9}{10} / \frac{2}{5} = 2\frac{1}{4}$$

(3)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\frac{8}{9} + \frac{1}{3} = 1\frac{2}{9}$$

(3)

75% of 64

$$= 48$$

(2)

$$\frac{9}{10} / \frac{1}{9} = 8\frac{1}{10}$$

(4)

16 (129)

$$\begin{array}{r} 884 \\ \times 7 \\ \hline 6188 \end{array}$$

(4)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\begin{array}{r} 46 \\ \times 5 \\ \hline 230 \end{array}$$

(3)

$$\frac{6}{7} / \frac{1}{3} = 2\frac{4}{7}$$

(3)

17 (146)

$$16 \overline{)22.4}$$

(3)

$$\frac{2}{3} - \frac{5}{9} = \frac{1}{9}$$

(2)

$$5 \overline{)316} \text{ r } 1$$

(3)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\frac{4}{7} + \frac{5}{7} = 1\frac{2}{7}$$

(3)

13 (159)

$$\begin{array}{r} 39.62 \\ + 2.52 \\ \hline 42.14 \end{array}$$

(5)

$$\frac{1}{2} * \frac{9}{10} = \frac{9}{20}$$

(3)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 86.4 \\ \times 8.4 \\ \hline 725.76 \end{array}$$

(6)

$$12 \overline{)96}$$

(1)

17 (176)

$$\begin{array}{r} 24.3 \\ \times 4.2 \\ \hline 102.06 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$3 \overline{)18.9}$$

(3)

15 (191)

AIMSweb® Mathematics Computation 2 Progress Monitor #23 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$4 \overline{)20}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 55 \\ \times 36 \\ \hline \end{array}$$

$$\frac{5}{7} + \frac{5}{7} =$$

Convert to Decimal
 $\frac{1}{4} =$

$$10 \overline{)90}$$

$$\begin{array}{r} 496 \\ \times 6 \\ \hline \end{array}$$

53% of 25
=

$$\begin{array}{r} 75.21 \\ - 3.77 \\ \hline \end{array}$$

$$\begin{array}{r} 93.9 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

$$7 \overline{)35}$$

Convert to Fraction
.8 =

$$\begin{array}{r} 5218 \\ 5029 \\ 2103 \\ + 801 \\ \hline \end{array}$$

$$7 \overline{)21.0}$$

$$\begin{array}{r} 84.12 \\ + 3.83 \\ \hline \end{array}$$

$$\begin{array}{r} 177 \\ \times 41 \\ \hline \end{array}$$

Convert to Fraction
.2 =

89% of 25
=

Convert to Fraction
.4 =

Convert to Decimal
 $\frac{4}{5} =$

Convert to Fraction
.7 =

$$\begin{array}{r} 73.75 \\ - 8.03 \\ \hline \end{array}$$

75% of 34
=

$$\begin{array}{r} 92.9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 46.9 \\ \times 3.9 \\ \hline \end{array}$$

$$1 \div \frac{2}{5} =$$

Convert to Fraction
.9 =

$$\frac{5}{6} * \frac{4}{7} =$$

$$\frac{1}{2} + \frac{7}{8} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #23 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{1}{10} =$$

$$\frac{3}{4} - \frac{3}{8} =$$

Convert to Decimal

$$\frac{1}{4} =$$

Convert to Fraction
 $.75 =$

Convert to Decimal

$$\frac{1}{3} =$$

$$\frac{9}{10} / \frac{2}{5} =$$

Convert to Decimal

$$\frac{2}{3} =$$

$$\frac{8}{9} + \frac{1}{3} =$$

75% of 64
 $=$

$$\frac{9}{10} / \frac{1}{9} =$$

$$\begin{array}{r} 884 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{7}{8} =$$

Convert to Decimal

$$\frac{3}{4} =$$

$$\begin{array}{r} 46 \\ \times 5 \\ \hline \end{array}$$

$$\frac{6}{7} / \frac{1}{3} =$$

$$16 \overline{)22.4}$$

$$\frac{2}{3} - \frac{5}{9} =$$

$$5 \overline{)316}$$

Convert to Decimal

$$\frac{2}{5} =$$

$$\frac{4}{7} + \frac{5}{7} =$$

$$\begin{array}{r} 39.62 \\ + 2.52 \\ \hline \end{array}$$

$$\frac{1}{2} * \frac{9}{10} =$$

Convert to Fraction
 $.25 =$

$$\begin{array}{r} 86.4 \\ \times 8.4 \\ \hline \end{array}$$

$$12 \overline{)96}$$

$$\begin{array}{r} 24.3 \\ \times 4.2 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Fraction
 $.6 =$

Convert to Decimal

$$\frac{1}{5} =$$

$$3 \overline{)18.9}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #24 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|--|---|--|----------------|
| $\begin{array}{r} 9 \text{ r } 5 \\ 8 \overline{)77} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | $\begin{array}{r} 454 \\ \times 3 \\ \hline 1362 \end{array}$ <p>(4)</p> | $\frac{5}{9} + \frac{2}{3} = 1\frac{2}{9}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p> | <p>14 (14)</p> |
|--|--|--|---|--|----------------|

| | | | | | |
|---|--|--------------------------------------|--|--|----------------|
| $\begin{array}{r} 33 \\ 9 \overline{)297} \end{array}$ <p>(2)</p> | $\begin{array}{r} 54 \\ \times 3 \\ \hline 162 \end{array}$ <p>(3)</p> | <p>70% of 17</p> $= 11.9$ <p>(4)</p> | $\begin{array}{r} 23.61 \\ - 2.91 \\ \hline 20.7 \end{array}$ <p>(4)</p> | $\begin{array}{r} 79 \\ \times 9 \\ \hline 711 \end{array}$ <p>(3)</p> | <p>16 (30)</p> |
|---|--|--------------------------------------|--|--|----------------|

| | | | | | |
|--|---|--|---|---|----------------|
| <p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p> | $\begin{array}{r} 15 \text{ r } 2 \\ 6 \overline{)92} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 8975 \\ 3767 \\ 2021 \\ + 939 \\ \hline 15702 \end{array}$ <p>(5)</p> | $\begin{array}{r} 9.3 \\ 17 \overline{)158.1} \end{array}$ <p>(3)</p> | <p>16 (46)</p> |
|--|---|--|---|---|----------------|

| | | | | | |
|---|---|---|--------------------------------------|--|----------------|
| $\begin{array}{r} 76.59 \\ + 4.24 \\ \hline 80.83 \end{array}$ <p>(5)</p> | $\begin{array}{r} 11 \\ \times 5 \\ \hline 55 \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p> | <p>98% of 25</p> $= 24.5$ <p>(4)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | <p>16 (62)</p> |
|---|---|---|--------------------------------------|--|----------------|

| | | | | | |
|--|---|---|--------------------------------------|--|----------------|
| <p>Convert to Decimal</p> $\frac{7}{10} = .7$ <p>(2)</p> | <p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p> | $\begin{array}{r} 70.86 \\ - 2.08 \\ \hline 68.78 \end{array}$ <p>(5)</p> | <p>42% of 40</p> $= 16.8$ <p>(4)</p> | $\begin{array}{r} 52.3 \\ \times 7 \\ \hline 366.1 \end{array}$ <p>(5)</p> | <p>18 (80)</p> |
|--|---|---|--------------------------------------|--|----------------|

| | | | | | |
|---|--|---|--|--|----------------|
| $\begin{array}{r} 42.1 \\ \times 2.7 \\ \hline 113.67 \end{array}$ <p>(6)</p> | $\frac{7}{8} \div \frac{1}{6} = 5\frac{1}{4}$ <p>(3)</p> | <p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p> | $\frac{9}{10} \times \frac{7}{8} = \frac{63}{80}$ <p>(4)</p> | $\frac{1}{4} + \frac{1}{2} = \frac{3}{4}$ <p>(2)</p> | <p>18 (98)</p> |
|---|--|---|--|--|----------------|

AIMSweb® Mathematics Computation 2 Progress Monitor #24 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

Convert to Decimal

$$\frac{6}{7} - \frac{3}{7} = \frac{3}{7}$$

(2)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

12 (110)

$$\frac{6}{7} \div \frac{3}{4} = 1\frac{1}{7}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{8}{9} + \frac{8}{9} = 1\frac{7}{9}$$

(3)

75% of 61

$$= 45.75$$

(5)

$$\frac{9}{10} \div \frac{8}{9} = 1\frac{1}{80}$$

(4)

17 (127)

$$\begin{array}{r} 98 \\ \times 7 \\ \hline 686 \end{array}$$

(3)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$$

(2)

$$\frac{1}{4} \div \frac{1}{3} = \frac{3}{4}$$

(2)

13 (140)

$$9 \overline{)82.8}$$

(3)

$$\frac{8}{9} - \frac{4}{9} = \frac{4}{9}$$

(2)

$$3 \overline{)14} \text{ 4 r 2}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

$$\frac{5}{8} + \frac{1}{4} = \frac{7}{8}$$

(2)

11 (151)

$$\begin{array}{r} 91.56 \\ + 4.76 \\ \hline 96.32 \end{array}$$

(5)

$$\frac{2}{5} \times \frac{3}{4} = \frac{3}{10}$$

(3)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 7.6 \\ \times 3.4 \\ \hline 25.84 \end{array}$$

(5)

$$7 \overline{)116}$$

(3)

18 (169)

$$\begin{array}{r} 9.6 \\ \times 2.6 \\ \hline 24.96 \end{array}$$

(5)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

$$3 \overline{)12.133}$$

(6)

21 (190)

AIMSweb® Mathematics Computation 2 Progress Monitor #24 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8 \overline{)77}$$

Convert to Fraction
.2 =

$$\begin{array}{r} 454 \\ \times 3 \\ \hline \end{array}$$

$$\frac{5}{9} + \frac{2}{3} =$$

Convert to Decimal
 $\frac{1}{4} =$

$$9 \overline{)297}$$

$$\begin{array}{r} 54 \\ \times 3 \\ \hline \end{array}$$

70% of 17
=

$$\begin{array}{r} 23.61 \\ - 2.91 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

$$6 \overline{)92}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 8975 \\ 3767 \\ 2021 \\ + 939 \\ \hline \end{array}$$

$$17 \overline{)158.1}$$

$$\begin{array}{r} 76.59 \\ + 4.24 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

Convert to Fraction
.1 =

98% of 25
=

Convert to Fraction
.8 =

Convert to Decimal
 $\frac{7}{10} =$

Convert to Fraction
.25 =

$$\begin{array}{r} 70.86 \\ - 2.08 \\ \hline \end{array}$$

42% of 40
=

$$\begin{array}{r} 52.3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 42.1 \\ \times 2.7 \\ \hline \end{array}$$

$$\frac{7}{8} \div \frac{1}{6} =$$

Convert to Fraction
.9 =

$$\frac{9}{10} * \frac{7}{8} =$$

$$\frac{1}{4} + \frac{1}{2} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #24 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{1}{3} =$$

$$\frac{6}{7} - \frac{3}{7} =$$

Convert to Decimal

$$\frac{1}{5} =$$

Convert to Fraction
 $.6 =$

Convert to Decimal

$$\frac{3}{10} =$$

Convert to Decimal
 $\frac{6}{7} / \frac{3}{4} =$

Convert to Decimal
 $\frac{4}{5} =$

$$\frac{8}{9} + \frac{8}{9} =$$

75% of 61
 $=$

$$\frac{9}{10} / \frac{8}{9} =$$

$$\begin{array}{r} 98 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{3} =$

Convert to Decimal
 $\frac{2}{5} =$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\frac{1}{4} / \frac{1}{3} =$$

$$9 \overline{)82.8}$$

$$\frac{8}{9} - \frac{4}{9} =$$

$$3 \overline{)14}$$

Convert to Decimal
 $\frac{1}{2} =$

$$\frac{5}{8} + \frac{1}{4} =$$

$$\begin{array}{r} 91.56 \\ + 4.76 \\ \hline \end{array}$$

$$\frac{2}{5} * \frac{3}{4} =$$

Convert to Fraction
 $.75 =$

$$\begin{array}{r} 7.6 \\ \times 3.4 \\ \hline \end{array}$$

$$7 \overline{)812}$$

$$\begin{array}{r} 9.6 \\ \times 2.6 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{8} =$

Convert to Fraction
 $.4 =$

Convert to Decimal
 $\frac{1}{8} =$

$$3 \overline{)36.4}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #25 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|--|---|---|---------|
| $\begin{array}{r} 8 \text{ r } 4 \\ 5 \overline{)44} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 96 \\ \times 7 \\ \hline 672 \end{array}$ <p>(3)</p> | $\frac{8}{9} + \frac{8}{9} = 1\frac{7}{9}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p> | 12 (12) |
|--|--|--|---|---|---------|

| | | | | | |
|---|---|------------------------------------|---|--|---------|
| $\begin{array}{r} 19 \text{ r } 4 \\ 47 \overline{)897} \end{array}$ <p>(3)</p> | $\begin{array}{r} 16 \\ \times 6 \\ \hline 96 \end{array}$ <p>(2)</p> | <p>92% of 25</p> $= 23$ <p>(2)</p> | $\begin{array}{r} 92.55 \\ - 2.43 \\ \hline 90.12 \end{array}$ <p>(5)</p> | $\begin{array}{r} 89.1 \\ \times 5 \\ \hline 445.5 \end{array}$ <p>(5)</p> | 17 (29) |
|---|---|------------------------------------|---|--|---------|

| | | | | | |
|--|--|--|--|---|---------|
| <p>Convert to Decimal</p> $\frac{7}{10} = .7$ <p>(2)</p> | $\begin{array}{r} 25 \text{ r } 20 \\ 39 \overline{)995} \end{array}$ <p>(4)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | $\begin{array}{r} 9308 \\ 8732 \\ 5402 \\ + 1843 \\ \hline 25285 \end{array}$ <p>(5)</p> | $\begin{array}{r} 8.8 \\ 6 \overline{)52.8} \end{array}$ <p>(3)</p> | 16 (45) |
|--|--|--|--|---|---------|

| | | | | | |
|---|---|---|--------------------------------------|---|---------|
| $\begin{array}{r} 9.82 \\ + 7.4 \\ \hline 17.22 \end{array}$ <p>(5)</p> | $\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p> | <p>83% of 70</p> $= 58.1$ <p>(4)</p> | <p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p> | 17 (62) |
|---|---|---|--------------------------------------|---|---------|

| | | | | | |
|---|---|--|---------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{3}{8} = .375$ <p>(4)</p> | <p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p> | $\begin{array}{r} 47.15 \\ - 4.7 \\ \hline 42.45 \end{array}$ <p>(5)</p> | <p>89% of 25</p> $= 22.25$ <p>(5)</p> | $\begin{array}{r} 68.2 \\ \times 2 \\ \hline 136.4 \end{array}$ <p>(5)</p> | 21 (83) |
|---|---|--|---------------------------------------|--|---------|

| | | | | | |
|--|--|--|--|---|----------|
| $\begin{array}{r} 13.5 \\ \times 6.3 \\ \hline 85.05 \end{array}$ <p>(5)</p> | $1 \div \frac{5}{7} = 1\frac{2}{5}$ <p>(3)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | $\frac{6}{7} * \frac{6}{7} = \frac{36}{49}$ <p>(4)</p> | $\frac{3}{4} + \frac{5}{8} = 1\frac{3}{8}$ <p>(3)</p> | 17 (100) |
|--|--|--|--|---|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #25 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Decimal

$$\frac{8}{9} - \frac{7}{9} = \frac{1}{9}$$

(2)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

15 (115)

$$\frac{1}{6} / \frac{8}{9} = \frac{3}{16}$$

(3)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\frac{1}{2} + \frac{3}{2} = 2$$

(1)

92% of 25

$$= 23$$

(2)

$$\frac{1}{2} / \frac{5}{7} = \frac{7}{10}$$

(3)

13 (128)

$$\begin{array}{r} 11 \\ \times 7 \\ \hline \end{array}$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$\begin{array}{r} 133 \\ \times 8 \\ \hline \end{array}$$

(4)

$$\frac{8}{9} / \frac{1}{4} = 3\frac{5}{9}$$

(3)

13 (141)

$$\begin{array}{r} 5.1 \\ 10 \overline{)51.0} \\ \hline \end{array}$$

(3)

$$\frac{3}{8} - \frac{1}{8} = \frac{1}{4}$$

(2)

$$\begin{array}{r} 9 \\ 5 \overline{)45} \\ \hline \end{array}$$

(1)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\frac{2}{9} + \frac{5}{9} = \frac{7}{9}$$

(2)

10 (151)

$$\begin{array}{r} 97.74 \\ + 8.64 \\ \hline \end{array}$$

(6)

$$\frac{9}{10} \times \frac{7}{9} = \frac{7}{10}$$

(3)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

$$\begin{array}{r} 47.2 \\ \times 2.6 \\ \hline \end{array}$$

(6)

$$\begin{array}{r} 103 \text{ r } 5 \\ 7 \overline{)726} \\ \hline \end{array}$$

(4)

22 (173)

$$\begin{array}{r} 51.2 \\ \times 2.1 \\ \hline \end{array}$$

(6)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\begin{array}{r} 5.9 \\ 16 \overline{)94.4} \\ \hline \end{array}$$

(3)

15 (188)

AIMSweb® Mathematics Computation 2 Progress Monitor #25 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$5 \overline{)44}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 96 \\ \times 7 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{8}{9} =$$

Convert to Decimal
 $\frac{1}{2} =$

$$47 \overline{)897}$$

$$\begin{array}{r} 16 \\ \times 6 \\ \hline \end{array}$$

92% of 25
=

$$\begin{array}{r} 92.55 \\ - 2.43 \\ \hline \end{array}$$

$$\begin{array}{r} 89.1 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{10} =$

$$39 \overline{)995}$$

Convert to Fraction
.2 =

$$\begin{array}{r} 9308 \\ 8732 \\ 5402 \\ + 1843 \\ \hline \end{array}$$

$$6 \overline{)52.8}$$

$$\begin{array}{r} 9.82 \\ + 7.4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

Convert to Fraction
.1 =

83% of 70
=

Convert to Fraction
.9 =

Convert to Decimal
 $\frac{3}{8} =$

Convert to Fraction
.25 =

$$\begin{array}{r} 47.15 \\ - 4.7 \\ \hline \end{array}$$

89% of 25
=

$$\begin{array}{r} 68.2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 13.5 \\ \times 6.3 \\ \hline \end{array}$$

$$1 \div \frac{5}{7} =$$

Convert to Fraction
.6 =

$$\frac{6}{7} * \frac{6}{7} =$$

$$\frac{3}{4} + \frac{5}{8} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #25 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{8}{9} - \frac{7}{9} =$$

Convert to Decimal

$$\frac{1}{3} =$$

Convert to Fraction

$$.5 =$$

Convert to Decimal

$$\frac{5}{8} =$$

Convert to Decimal

$$\frac{1}{6} / \frac{8}{9} =$$

$$\frac{2}{3} =$$

$$\frac{1}{2} + \frac{3}{2} =$$

92% of 25

$$=$$

$$\frac{1}{2} / \frac{5}{7} =$$

Convert to Decimal

$$\frac{11}{x7}$$

$$\frac{3}{5} =$$

Convert to Decimal

$$\frac{1}{5} =$$

$$\frac{133}{x8}$$

$$\frac{8}{9} / \frac{1}{4} =$$

$$10 \overline{)51.0}$$

$$\frac{3}{8} - \frac{1}{8} =$$

Convert to Decimal

$$\frac{9}{10} =$$

$$5 \overline{)45}$$

$$\frac{2}{9} + \frac{5}{9} =$$

$$\begin{array}{r} 97.74 \\ + 8.64 \\ \hline \end{array}$$

$$\frac{9}{10} * \frac{7}{9} =$$

Convert to Fraction

$$.3 =$$

$$\begin{array}{r} 47.2 \\ x 2.6 \\ \hline \end{array}$$

$$7 \overline{)726}$$

Convert to Decimal

$$\frac{51.2}{x 2.1}$$

$$\frac{3}{10} =$$

Convert to Fraction

$$.8 =$$

Convert to Decimal

$$\frac{2}{5} =$$

$$16 \overline{)94.4}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #26 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 9 \\ 6 \overline{)54} \\ \underline{54} \\ 0 \end{array}$$

(1)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$$

(2)

$$\frac{4}{9} + \frac{1}{9} = \frac{5}{9}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4) 11 (11)

$$\begin{array}{r} 9 \text{ r } 16 \\ 60 \overline{)556} \\ \underline{540} \\ 16 \end{array}$$

(3)

$$\begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array}$$

(3)

75% of 43

$$= 32.25$$

(5)

$$\begin{array}{r} 94.78 \\ - 2.83 \\ \hline 91.95 \end{array}$$

(5)

$$\begin{array}{r} 43.9 \\ \times 3 \\ \hline 131.7 \end{array}$$

(5) 21 (32)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$\begin{array}{r} 85 \text{ r } 4 \\ 7 \overline{)599} \\ \underline{560} \\ 39 \\ \underline{35} \\ 4 \end{array}$$

(3)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\begin{array}{r} 9898 \\ 7324 \\ 5180 \\ + 2388 \\ \hline 24790 \end{array}$$

(5)

$$\begin{array}{r} 19.4 \\ 3 \overline{)58.2} \\ \underline{57} \\ 1.2 \\ \underline{1.2} \\ 0 \end{array}$$

(4) 16 (48)

$$\begin{array}{r} 53.59 \\ + 2.34 \\ \hline 55.93 \end{array}$$

(5)

$$\begin{array}{r} 699 \\ \times 3 \\ \hline 2097 \end{array}$$

(4)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

88% of 25

$$= 22$$

(2)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3) 16 (64)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 11.21 \\ - 7.98 \\ \hline 3.23 \end{array}$$

(4)

75% of 64

$$= 48$$

(2)

$$\begin{array}{r} 19 \\ \times 7 \\ \hline 133 \end{array}$$

(3) 13 (77)

$$\begin{array}{r} 36.4 \\ \times 4.9 \\ \hline 178.36 \end{array}$$

(6)

$$\frac{4}{5} \div \frac{1}{2} = 1\frac{3}{5}$$

(3)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\frac{9}{10} \times \frac{1}{3} = \frac{3}{10}$$

(3)

$$\frac{8}{9} + \frac{4}{9} = 1\frac{1}{3}$$

(3) 18 (95)

AIMSweb® Mathematics Computation 2 Progress Monitor #26 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

Convert to Decimal

$$\frac{5}{8} - \frac{1}{4} = \frac{3}{8}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

10 (105)

$$\frac{2}{3} \div \frac{3}{4} = \frac{8}{9}$$

(2)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{1}{2} + \frac{7}{6} = 1\frac{2}{3}$$

(3)

80% of 70

$$= 56$$

(2)

$$\frac{4}{9} \div \frac{1}{2} = \frac{8}{9}$$

(2)

11 (116)

$$\begin{array}{r} 563 \\ \times 7 \\ \hline 3941 \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\begin{array}{r} 256 \\ \times 5 \\ \hline 1280 \end{array}$$

(4)

$$\frac{5}{7} \div \frac{5}{6} = \frac{6}{7}$$

(2)

16 (132)

$$\begin{array}{r} 7.9 \\ 9 \overline{)71.1} \end{array}$$

(3)

$$\frac{8}{9} - \frac{4}{9} = \frac{4}{9}$$

(2)

$$\begin{array}{r} 4 \text{ r } 2 \\ 6 \overline{)26} \end{array}$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$\frac{1}{4} + \frac{3}{4} = 1$$

(1)

10 (142)

$$\begin{array}{r} 73.18 \\ + 2.67 \\ \hline 75.85 \end{array}$$

(5)

$$\frac{7}{9} \times \frac{1}{9} = \frac{7}{81}$$

(3)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 47.9 \\ \times 3.9 \\ \hline 186.81 \end{array}$$

(6)

$$\begin{array}{r} 5 \\ 6 \overline{)30} \end{array}$$

(1)

17 (159)

$$\begin{array}{r} 48.3 \\ \times 2 \\ \hline 96.6 \end{array}$$

(4)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

$$\begin{array}{r} 6.6 \\ 5 \overline{)33.0} \end{array}$$

(3)

17 (176)

AIMSweb® Mathematics Computation 2 Progress Monitor #26 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$6 \overline{)54}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\frac{4}{9} + \frac{1}{9} =$$

Convert to Decimal
 $\frac{1}{3} =$

$$60 \overline{)556}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

75% of 43
=

$$\begin{array}{r} 94.78 \\ - 2.83 \\ \hline \end{array}$$

$$\begin{array}{r} 43.9 \\ \times 3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

$$7 \overline{)599}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 9898 \\ 7324 \\ 5180 \\ + 2388 \\ \hline \end{array}$$

$$3 \overline{)58.2}$$

$$\begin{array}{r} 53.59 \\ + 2.34 \\ \hline \end{array}$$

$$\begin{array}{r} 699 \\ \times 3 \\ \hline \end{array}$$

Convert to Fraction
.6 =

88% of 25
=

Convert to Fraction
.1 =

Convert to Decimal
 $\frac{9}{10} =$

Convert to Fraction
.2 =

$$\begin{array}{r} 11.21 \\ - 7.98 \\ \hline \end{array}$$

75% of 64
=

$$\begin{array}{r} 19 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 36.4 \\ \times 4.9 \\ \hline \end{array}$$

$$\frac{4}{5} \div \frac{1}{2} =$$

Convert to Fraction
.9 =

$$\frac{9}{10} * \frac{1}{3} =$$

$$\frac{8}{9} + \frac{4}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #26 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{1}{10} =$$

$$\frac{5}{8} - \frac{1}{4} =$$

Convert to Decimal

$$\frac{2}{5} =$$

Convert to Fraction
 $.25 =$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Decimal

$$\frac{2}{3} / \frac{3}{4} =$$

$$\frac{4}{5} =$$

$$\frac{1}{2} + \frac{7}{6} =$$

80% of 70
 $=$

$$\frac{4}{9} / \frac{1}{2} =$$

$$\begin{array}{r} 563 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{4} =$$

Convert to Decimal

$$\frac{3}{4} =$$

$$\begin{array}{r} 256 \\ \times 5 \\ \hline \end{array}$$

$$\frac{5}{7} / \frac{5}{6} =$$

$$9 \overline{)71.1}$$

$$\frac{8}{9} - \frac{4}{9} =$$

$$6 \overline{)26}$$

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{1}{4} + \frac{3}{4} =$$

$$\begin{array}{r} 73.18 \\ + 2.67 \\ \hline \end{array}$$

$$\frac{7}{9} * \frac{1}{9} =$$

Convert to Fraction

$$.75 =$$

$$\begin{array}{r} 47.9 \\ \times 3.9 \\ \hline \end{array}$$

$$6 \overline{)30}$$

$$\begin{array}{r} 48.3 \\ \times 2 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Fraction

$$.8 =$$

Convert to Decimal

$$\frac{3}{8} =$$

$$5 \overline{)33.0}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #27 - Grade 7 Answer Key

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$$\begin{array}{r} 5 \\ 7 \overline{)35} \\ \hline \end{array}$$

(1)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$$

(2)

$$\frac{7}{9} + \frac{8}{9} = 1\frac{2}{3}$$

(3)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3) 11 (11)

$$\begin{array}{r} 16 \text{ r } 1 \\ 6 \overline{)97} \\ \hline \end{array}$$

(3)

$$\begin{array}{r} 10 \\ \times 3 \\ \hline 30 \end{array}$$

(2)

28% of 25

$$= 7$$

(1)

$$\begin{array}{r} 69.04 \\ - 6.97 \\ \hline 62.07 \end{array}$$

(5)

$$\begin{array}{r} 38.4 \\ \times 8 \\ \hline 307.2 \end{array}$$

(5) 16 (27)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

$$\begin{array}{r} 1 \text{ r } 1 \\ 9 \overline{)10} \\ \hline \end{array}$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 8431 \\ 5582 \\ 5581 \\ + 4079 \\ \hline 23673 \end{array}$$

(5)

$$\begin{array}{r} 1.814 \\ 7 \overline{)12.7} \\ \hline \end{array}$$

(5) 16 (43)

$$\begin{array}{r} 60.66 \\ + 4.7 \\ \hline 65.36 \end{array}$$

(5)

$$\begin{array}{r} 378 \\ \times 4 \\ \hline 1512 \end{array}$$

(4)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

70% of 55

$$= 38.5$$

(4)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3) 18 (61)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 79.43 \\ - 6.71 \\ \hline 72.72 \end{array}$$

(5)

60% of 45

$$= 27$$

(2)

$$\begin{array}{r} 66.2 \\ \times 7 \\ \hline 463.4 \end{array}$$

(5) 16 (77)

$$\begin{array}{r} 93 \\ \times 6.1 \\ \hline 567.3 \end{array}$$

(5)

$$\frac{9}{10} \div \frac{1}{4} = 3\frac{3}{5}$$

(3)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\frac{8}{9} \times \frac{9}{10} = \frac{4}{5}$$

(2)

$$\frac{2}{3} + \frac{2}{9} = \frac{8}{9}$$

(2) 14 (91)

AIMSweb® Mathematics Computation 2 Progress Monitor #27 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Decimal

$$\frac{3}{8} - \frac{1}{8} = \frac{1}{4}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

12 (103)

$$\frac{9}{10} \div \frac{1}{2} = 1\frac{4}{5}$$

(3)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

(2)

48% of 25

$$= 12$$

(2)

$$\frac{1}{6} \div \frac{3}{4} = \frac{2}{9}$$

(2)

12 (115)

$$\begin{array}{r} 719 \\ \times 8 \\ \hline 5752 \end{array}$$

(4)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

$$\begin{array}{r} 95 \\ \times 8 \\ \hline 760 \end{array}$$

(3)

$$\frac{2}{9} \div \frac{8}{9} = \frac{1}{4}$$

(2)

15 (130)

$$12 \overline{)60.0} \quad 5$$

(1)

$$\frac{9}{8} - \frac{1}{2} = \frac{5}{8}$$

(2)

$$3 \overline{)36} \quad 12$$

(2)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{1}{2} + \frac{4}{3} = 1\frac{5}{6}$$

(3)

10 (140)

$$\begin{array}{r} 43.3 \\ + 2.77 \\ \hline 46.07 \end{array}$$

(5)

$$\frac{3}{4} \times \frac{6}{7} = \frac{9}{14}$$

(3)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

$$\begin{array}{r} 77.8 \\ \times 4.8 \\ \hline 373.44 \end{array}$$

(6)

$$2 \overline{)578} \quad 289$$

(3)

20 (160)

$$\begin{array}{r} 14.9 \\ \times 6.8 \\ \hline 101.32 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$3 \overline{)41.5} \quad 13.833$$

(6)

22 (182)

AIMSweb® Mathematics Computation 2 Progress Monitor #27 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$7 \overline{)35}$$

Convert to Fraction
.6 =

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\frac{7}{9} + \frac{8}{9} =$$

Convert to Decimal
 $\frac{1}{4} =$

$$6 \overline{)97}$$

$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

28% of 25
=

$$\begin{array}{r} 69.04 \\ - 6.97 \\ \hline \end{array}$$

$$\begin{array}{r} 38.4 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{10} =$

$$9 \overline{)10}$$

Convert to Fraction
.2 =

$$\begin{array}{r} 8431 \\ 5582 \\ 5581 \\ + 4079 \\ \hline \end{array}$$

$$7 \overline{)12.7}$$

$$\begin{array}{r} 60.66 \\ + 4.7 \\ \hline \end{array}$$

$$\begin{array}{r} 378 \\ \times 4 \\ \hline \end{array}$$

Convert to Fraction
.5 =

70% of 55
=

Convert to Fraction
.7 =

Convert to Decimal
 $\frac{2}{5} =$

Convert to Fraction
.8 =

$$\begin{array}{r} 79.43 \\ - 6.71 \\ \hline \end{array}$$

60% of 45
=

$$\begin{array}{r} 66.2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 6.1 \\ \hline \end{array}$$

$$\frac{9}{10} \div \frac{1}{4} =$$

Convert to Fraction
.4 =

$$\frac{8}{9} * \frac{9}{10} =$$

$$\frac{2}{3} + \frac{2}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #27 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{3}{8} - \frac{1}{8} =$$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Fraction
.25 =

Convert to Decimal

$$\frac{5}{8} =$$

Convert to Decimal

$$\frac{9}{10} / \frac{1}{2} =$$

$$\frac{3}{4} =$$

$$\frac{1}{3} + \frac{1}{3} =$$

48% of 25
=

$$\frac{1}{6} / \frac{3}{4} =$$

Convert to Decimal

$$\begin{array}{r} 719 \\ \times 8 \\ \hline \end{array}$$

$$\frac{2}{3} =$$

Convert to Decimal

$$\frac{7}{10} =$$

$$\begin{array}{r} 95 \\ \times 8 \\ \hline \end{array}$$

$$\frac{2}{9} / \frac{8}{9} =$$

$$12 \overline{)60.0}$$

$$\frac{9}{8} - \frac{1}{2} =$$

Convert to Decimal

$$3 \overline{)36}$$

$$\frac{4}{5} =$$

$$\frac{1}{2} + \frac{4}{3} =$$

$$\begin{array}{r} 43.3 \\ + 2.77 \\ \hline \end{array}$$

$$\frac{3}{4} * \frac{6}{7} =$$

Convert to Fraction
.1 =

$$\begin{array}{r} 77.8 \\ \times 4.8 \\ \hline \end{array}$$

$$2 \overline{)578}$$

Convert to Decimal

$$\begin{array}{r} 14.9 \\ \times 6.8 \\ \hline \end{array}$$

$$\frac{1}{8} =$$

Convert to Fraction

$$.75 =$$

Convert to Decimal

$$\frac{1}{3} =$$

$$3 \overline{)41.5}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #28 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|--|---|---|---|---------|
| $\begin{array}{r} 18 \text{ r } 1 \\ 2 \overline{)37} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$ <p>(2)</p> | $\frac{7}{8} + \frac{7}{8} = 1\frac{3}{4}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p> | 12 (12) |
|---|--|---|---|---|---------|

| | | | | | |
|--|---|------------------------------------|---|--|---------|
| $\begin{array}{r} 60 \text{ r } 12 \\ 15 \overline{)912} \end{array}$ <p>(4)</p> | $\begin{array}{r} 357 \\ \times 27 \\ \hline 9639 \end{array}$ <p>(4)</p> | <p>80% of 30</p> $= 24$ <p>(2)</p> | $\begin{array}{r} 29.57 \\ - 4.16 \\ \hline 25.41 \end{array}$ <p>(5)</p> | $\begin{array}{r} 82.1 \\ \times 5 \\ \hline 410.5 \end{array}$ <p>(5)</p> | 20 (32) |
|--|---|------------------------------------|---|--|---------|

| | | | | | |
|---|---|---|---|--|---------|
| <p>Convert to Decimal</p> $\frac{3}{8} = .375$ <p>(4)</p> | $\begin{array}{r} 13 \text{ r } 1 \\ 4 \overline{)53} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | $\begin{array}{r} 9130 \\ 3538 \\ 1282 \\ + 925 \\ \hline 14875 \end{array}$ <p>(5)</p> | $\begin{array}{r} 4.1 \\ 20 \overline{)82.0} \end{array}$ <p>(3)</p> | 17 (49) |
|---|---|---|---|--|---------|

| | | | | | |
|---|---|--|--------------------------------------|---|---------|
| $\begin{array}{r} 27.83 \\ + 4.54 \\ \hline 32.37 \end{array}$ <p>(5)</p> | $\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | <p>73% of 50</p> $= 36.5$ <p>(4)</p> | <p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p> | 16 (65) |
|---|---|--|--------------------------------------|---|---------|

| | | | | | |
|---|--|---|--------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{4}{5} = .8$ <p>(2)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | $\begin{array}{r} 92.66 \\ - 5.92 \\ \hline 86.74 \end{array}$ <p>(5)</p> | <p>70% of 67</p> $= 46.9$ <p>(4)</p> | $\begin{array}{r} 58.2 \\ \times 9 \\ \hline 523.8 \end{array}$ <p>(5)</p> | 18 (83) |
|---|--|---|--------------------------------------|--|---------|

| | | | | | |
|--|--|---|---|---|---------|
| $\begin{array}{r} 40.4 \\ \times 1.9 \\ \hline 76.76 \end{array}$ <p>(5)</p> | $\frac{5}{7} \div \frac{5}{9} = 1\frac{2}{7}$ <p>(3)</p> | <p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p> | $\frac{1}{6} \times \frac{3}{4} = \frac{1}{8}$ <p>(2)</p> | $\frac{6}{7} + \frac{3}{7} = 1\frac{2}{7}$ <p>(3)</p> | 16 (99) |
|--|--|---|---|---|---------|

AIMSweb® Mathematics Computation 2 Progress Monitor #28 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Decimal

$$\frac{7}{9} - \frac{5}{9} = \frac{2}{9}$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

12 (111)

$$\frac{6}{7} \div \frac{4}{9} = 1\frac{13}{14}$$

(5)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

$$\frac{8}{9} + \frac{4}{9} = 1\frac{1}{3}$$

(3)

73% of 25

$$= 18.25$$

(5)

$$\frac{8}{9} \div \frac{1}{3} = 2\frac{2}{3}$$

(3)

18 (129)

$$\begin{array}{r} 998 \\ \times 75 \\ \hline 74850 \end{array}$$

(5)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$\begin{array}{r} 15 \\ \times 6 \\ \hline 90 \end{array}$$

(2)

$$\frac{1}{6} \div \frac{4}{9} = \frac{3}{8}$$

(2)

15 (144)

$$9 \overline{)18.9}$$

(3)

$$2 - \frac{3}{4} = 1\frac{1}{4}$$

(3)

$$5 \overline{)17} \text{ 3 r 2}$$

(2)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

$$\frac{8}{9} + \frac{2}{9} = 1\frac{1}{9}$$

(3)

15 (159)

$$\begin{array}{r} 98.53 \\ + 6.75 \\ \hline 105.28 \end{array}$$

(6)

$$\frac{2}{9} \times \frac{2}{5} = \frac{4}{45}$$

(3)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 74.2 \\ \times 8 \\ \hline 593.6 \end{array}$$

(5)

$$6 \overline{)24}$$

(1)

17 (176)

$$\begin{array}{r} 37.7 \\ \times 4.5 \\ \hline 169.65 \end{array}$$

(6)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$7 \overline{)51.8}$$

(3)

17 (193)

AIMSweb® Mathematics Computation 2 Progress Monitor #28 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$2 \overline{)37}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{7}{8} =$$

Convert to Decimal
 $\frac{1}{5} =$

$$15 \overline{)912}$$

$$\begin{array}{r} 357 \\ \times 27 \\ \hline \end{array}$$

80% of 30
=

$$\begin{array}{r} 29.57 \\ - 4.16 \\ \hline \end{array}$$

$$\begin{array}{r} 82.1 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{8} =$

$$4 \overline{)53}$$

Convert to Fraction
.75 =

$$\begin{array}{r} 9130 \\ 3538 \\ 1282 \\ + 925 \\ \hline \end{array}$$

$$20 \overline{)82.0}$$

$$\begin{array}{r} 27.83 \\ + 4.54 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

Convert to Fraction
.5 =

73% of 50
=

Convert to Fraction
.9 =

Convert to Decimal
 $\frac{4}{5} =$

Convert to Fraction
.6 =

$$\begin{array}{r} 92.66 \\ - 5.92 \\ \hline \end{array}$$

70% of 67
=

$$\begin{array}{r} 58.2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 40.4 \\ \times 1.9 \\ \hline \end{array}$$

$$\frac{5}{7} \div \frac{5}{9} =$$

Convert to Fraction
.7 =

$$\frac{1}{6} * \frac{3}{4} =$$

$$\frac{6}{7} + \frac{3}{7} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #28 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{7}{9} - \frac{5}{9} =$$

Convert to Decimal

$$\frac{9}{10} =$$

Convert to Fraction
 $.2 =$

Convert to Decimal

$$\frac{1}{4} =$$

Convert to Decimal
 $\frac{6}{7} / \frac{4}{9} =$

Convert to Decimal
 $\frac{1}{2} =$

$$\frac{8}{9} + \frac{4}{9} =$$

73% of 25
 $=$

$$\frac{8}{9} / \frac{1}{3} =$$

$$\begin{array}{r} 998 \\ \times 75 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{10} =$

Convert to Decimal
 $\frac{7}{8} =$

$$\begin{array}{r} 15 \\ \times 6 \\ \hline \end{array}$$

$$\frac{1}{6} / \frac{4}{9} =$$

$$9 \overline{)18.9}$$

$$2 - \frac{3}{4} =$$

$$5 \overline{)17}$$

Convert to Decimal
 $\frac{1}{8} =$

$$\frac{8}{9} + \frac{2}{9} =$$

$$\begin{array}{r} 98.53 \\ + 6.75 \\ \hline \end{array}$$

$$\frac{2}{9} * \frac{2}{5} =$$

Convert to Fraction
 $.25 =$

$$\begin{array}{r} 74.2 \\ \times 8 \\ \hline \end{array}$$

$$6 \overline{)24}$$

$$\begin{array}{r} 37.7 \\ \times 4.5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

Convert to Fraction
 $.8 =$

Convert to Decimal
 $\frac{1}{3} =$

$$7 \overline{)51.8}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #29 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 10 \\ 6 \overline{)60} \\ (2) \end{array}$$

Convert to Fraction

$$.5 = \frac{1}{2} \quad (2)$$

$$\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \\ (2) \end{array}$$

$$\frac{4}{5} + \frac{2}{5} = 1\frac{1}{5} \quad (3)$$

Convert to Decimal

$$\frac{1}{4} = .25 \quad (3) \quad 12 \quad (12)$$

$$\begin{array}{r} 36 \text{ r } 1 \\ 2 \overline{)73} \\ (3) \end{array}$$

$$\begin{array}{r} 351 \\ \times 41 \\ \hline 14391 \\ (5) \end{array}$$

75% of 13

$$= 9.75 \quad (4)$$

$$\begin{array}{r} 60.13 \\ - 2.5 \\ \hline 57.63 \\ (5) \end{array}$$

$$\begin{array}{r} 88.9 \\ \times 2 \\ \hline 177.8 \\ (5) \end{array} \quad 22 \quad (34)$$

Convert to Decimal

$$\frac{7}{8} = .875 \quad (4)$$

$$\begin{array}{r} 9 \\ 4 \overline{)36} \\ (1) \end{array}$$

Convert to Fraction

$$.8 = \frac{4}{5} \quad (2)$$

$$\begin{array}{r} 7010 \\ 6018 \\ 754 \\ + 530 \\ \hline 14312 \\ (5) \end{array}$$

$$\begin{array}{r} 17 \\ 3 \overline{)51.0} \\ (2) \end{array} \quad 14 \quad (48)$$

$$\begin{array}{r} 74.43 \\ + 4.25 \\ \hline 78.68 \\ (5) \end{array}$$

$$\begin{array}{r} 898 \\ \times 7 \\ \hline 6286 \\ (4) \end{array}$$

Convert to Fraction

$$.6 = \frac{3}{5} \quad (2)$$

29% of 25

$$= 7.25 \quad (4)$$

Convert to Fraction

$$.7 = \frac{7}{10} \quad (3) \quad 18 \quad (66)$$

Convert to Decimal

$$\frac{2}{3} = .667 \quad (4)$$

Convert to Fraction

$$.3 = \frac{3}{10} \quad (3)$$

$$\begin{array}{r} 52.42 \\ - 5.32 \\ \hline 47.1 \\ (4) \end{array}$$

75% of 61

$$= 45.75 \quad (5)$$

$$\begin{array}{r} 53 \\ \times 3 \\ \hline 159 \\ (3) \end{array} \quad 19 \quad (85)$$

$$\begin{array}{r} 40.5 \\ \times 8.2 \\ \hline 332.1 \\ (5) \end{array}$$

$$\frac{2}{3} \div \frac{2}{9} = 3 \quad (1)$$

Convert to Fraction

$$.75 = \frac{3}{4} \quad (2)$$

$$\frac{3}{4} \times \frac{2}{3} = \frac{1}{2} \quad (2)$$

$$\frac{7}{9} + \frac{7}{9} = 1\frac{5}{9} \quad (3) \quad 13 \quad (98)$$

AIMSweb® Mathematics Computation 2 Progress Monitor #29 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Decimal

$$1 - \frac{7}{9} = \frac{2}{9}$$

(2)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

13 (111)

$$\frac{3}{7} \div \frac{5}{6} = \frac{18}{35}$$

(4)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

$$\frac{5}{6} + \frac{1}{3} = 1\frac{1}{6}$$

(3)

81% of 80

$$= 64.8$$

(4)

$$\frac{5}{6} \div \frac{1}{3} = 2\frac{1}{2}$$

(3)

18 (129)

$$\begin{array}{r} 590 \\ \times 5 \\ \hline 2950 \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$\begin{array}{r} 406 \\ \times 6 \\ \hline 2436 \end{array}$$

(4)

$$\frac{7}{8} \div \frac{5}{9} = 1\frac{23}{40}$$

(5)

17 (146)

$$7 \overline{) 43.4} \quad \begin{array}{r} 6.2 \\ \hline \end{array}$$

(3)

$$\frac{7}{9} - \frac{5}{9} = \frac{2}{9}$$

(2)

$$5 \overline{) 909} \quad \begin{array}{r} 181 \text{ r } 4 \\ \hline \end{array}$$

(4)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{7}{8} + \frac{3}{8} = 1\frac{1}{4}$$

(3)

14 (160)

$$\begin{array}{r} 89.49 \\ + 3 \\ \hline 92.49 \end{array}$$

(5)

$$\frac{2}{3} \times \frac{1}{7} = \frac{2}{21}$$

(3)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 52.2 \\ \times 1.9 \\ \hline 99.18 \end{array}$$

(5)

$$7 \overline{) 473} \quad \begin{array}{r} 67 \text{ r } 4 \\ \hline \end{array}$$

(3)

18 (178)

$$\begin{array}{r} 19.9 \\ \times 3.2 \\ \hline 63.68 \end{array}$$

(5)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

$$8 \overline{) 94.3} \quad \begin{array}{r} 11.788 \\ \hline \end{array}$$

(6)

19 (197)

AIMSweb® Mathematics Computation 2 Progress Monitor #29 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$6 \overline{)60}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 11 \\ \times 4 \\ \hline \end{array}$$

$$\frac{4}{5} + \frac{2}{5} =$$

Convert to Decimal
 $\frac{1}{4} =$

$$2 \overline{)73}$$

$$\begin{array}{r} 351 \\ \times 41 \\ \hline \end{array}$$

75% of 13
=

$$\begin{array}{r} 60.13 \\ - 2.5 \\ \hline \end{array}$$

$$\begin{array}{r} 88.9 \\ \times 2 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{8} =$

$$4 \overline{)36}$$

Convert to Fraction
.8 =

$$\begin{array}{r} 7010 \\ 6018 \\ 754 \\ + 530 \\ \hline \end{array}$$

$$3 \overline{)51.0}$$

$$\begin{array}{r} 74.43 \\ + 4.25 \\ \hline \end{array}$$

$$\begin{array}{r} 898 \\ \times 7 \\ \hline \end{array}$$

Convert to Fraction
.6 =

29% of 25
=

Convert to Fraction
.7 =

Convert to Decimal
 $\frac{2}{3} =$

Convert to Fraction
.3 =

$$\begin{array}{r} 52.42 \\ - 5.32 \\ \hline \end{array}$$

75% of 61
=

$$\begin{array}{r} 53 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 40.5 \\ \times 8.2 \\ \hline \end{array}$$

$$\frac{2}{3} \div \frac{2}{9} =$$

Convert to Fraction
.75 =

$$\frac{3}{4} \times \frac{2}{3} =$$

$$\frac{7}{9} + \frac{7}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #29 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$1 - \frac{7}{9} =$$

Convert to Decimal

$$\frac{1}{5} =$$

Convert to Fraction

$$.4 =$$

Convert to Decimal

$$\frac{1}{3} =$$

Convert to Decimal

$$\frac{3}{7} / \frac{5}{6} =$$

$$\frac{1}{8} =$$

$$\frac{5}{6} + \frac{1}{3} =$$

$$81\% \text{ of } 80 =$$

$$\frac{5}{6} / \frac{1}{3} =$$

Convert to Decimal

$$\begin{array}{r} 590 \\ \times 5 \\ \hline \end{array}$$

$$\frac{1}{2} =$$

Convert to Decimal

$$\frac{3}{5} =$$

$$\begin{array}{r} 406 \\ \times 6 \\ \hline \end{array}$$

$$\frac{7}{8} / \frac{5}{9} =$$

$$7 \overline{)43.4}$$

$$\frac{7}{9} - \frac{5}{9} =$$

$$5 \overline{)909}$$

Convert to Decimal

$$\frac{4}{5} =$$

$$\frac{7}{8} + \frac{3}{8} =$$

$$\begin{array}{r} 89.49 \\ + 3 \\ \hline \end{array}$$

$$\frac{2}{3} * \frac{1}{7} =$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 52.2 \\ \times 1.9 \\ \hline \end{array}$$

$$7 \overline{)473}$$

Convert to Decimal

$$\begin{array}{r} 19.9 \\ \times 3.2 \\ \hline \end{array}$$

$$\frac{9}{10} =$$

Convert to Fraction

$$.25 =$$

Convert to Decimal

$$\frac{3}{8} =$$

$$8 \overline{)94.3}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #30 - Grade 7 Answer Key

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| | | | | | |
|---|--|--|---|--|---------|
| $\begin{array}{r} 11 \text{ r } 5 \\ 8 \overline{)93} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 562 \\ \times 5 \\ \hline 2810 \end{array}$ <p>(4)</p> | $\frac{1}{8} + \frac{9}{8} = 1\frac{1}{4}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p> | 15 (15) |
|---|--|--|---|--|---------|

| | | | | | |
|--|---|---------------------------------------|---|--|---------|
| $\begin{array}{r} 19 \\ 3 \overline{)57} \end{array}$ <p>(2)</p> | $\begin{array}{r} 11 \\ \times 3 \\ \hline 33 \end{array}$ <p>(2)</p> | <p>75% of 27</p> $= 20.25$ <p>(5)</p> | $\begin{array}{r} 14 \\ - 8.94 \\ \hline 5.06 \end{array}$ <p>(4)</p> | $\begin{array}{r} 48.9 \\ \times 3 \\ \hline 146.7 \end{array}$ <p>(5)</p> | 18 (33) |
|--|---|---------------------------------------|---|--|---------|

| | | | | | |
|---|--|--|--|---|---------|
| <p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p> | $\begin{array}{r} 57 \text{ r } 2 \\ 5 \overline{)287} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | $\begin{array}{r} 8364 \\ 2649 \\ 2334 \\ + 1029 \\ \hline 14376 \end{array}$ <p>(5)</p> | $\begin{array}{r} 1.588 \\ 8 \overline{)12.7} \end{array}$ <p>(5)</p> | 17 (50) |
|---|--|--|--|---|---------|

| | | | | | |
|---|---|---|---------------------------------------|---|---------|
| $\begin{array}{r} 15.42 \\ + 7.35 \\ \hline 22.77 \end{array}$ <p>(5)</p> | $\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p> | <p>79% of 75</p> $= 59.25$ <p>(5)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | 17 (67) |
|---|---|---|---------------------------------------|---|---------|

| | | | | | |
|---|---|--|---------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p> | <p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p> | $\begin{array}{r} 98.3 \\ - 9.89 \\ \hline 88.41 \end{array}$ <p>(5)</p> | <p>97% of 25</p> $= 24.25$ <p>(5)</p> | $\begin{array}{r} 96 \\ \times 7 \\ \hline 672 \end{array}$ <p>(3)</p> | 17 (84) |
|---|---|--|---------------------------------------|--|---------|

| | | | | | |
|---|--|---|---|---|----------|
| $\begin{array}{r} 37.8 \\ \times 6.6 \\ \hline 249.48 \end{array}$ <p>(6)</p> | $\frac{1}{2} \div \frac{1}{3} = 1\frac{1}{2}$ <p>(3)</p> | <p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p> | $\frac{2}{3} \times \frac{2}{3} = \frac{4}{9}$ <p>(2)</p> | $\frac{7}{9} + \frac{5}{9} = 1\frac{1}{3}$ <p>(3)</p> | 17 (101) |
|---|--|---|---|---|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #30 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Decimal

$$1 - \frac{1}{3} = \frac{2}{3}$$

(2)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

12 (113)

$$\frac{2}{9} / \frac{2}{3} = \frac{1}{3}$$

(2)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{7}{8} + \frac{5}{8} = 1\frac{1}{2}$$

(3)

31% of 25

$$= 7.75$$

(4)

$$\frac{3}{4} / \frac{1}{7} = 5\frac{1}{4}$$

(3)

14 (127)

$$\begin{array}{r} 68 \\ \times 9 \\ \hline 612 \end{array}$$

(3)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 35 \\ \times 9 \\ \hline 315 \end{array}$$

(3)

$$\frac{9}{10} / \frac{2}{3} = 1\frac{7}{20}$$

(4)

15 (142)

$$\begin{array}{r} 2.7 \\ 9 \overline{)24.3} \end{array}$$

(3)

$$\frac{9}{8} - \frac{1}{2} = \frac{5}{8}$$

(2)

$$\begin{array}{r} 120 \text{ r } 4 \\ 8 \overline{)964} \end{array}$$

(4)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$\frac{7}{9} + \frac{7}{9} = 1\frac{5}{9}$$

(3)

16 (158)

$$\begin{array}{r} 6.62 \\ + 6.09 \\ \hline 12.71 \end{array}$$

(5)

$$\frac{7}{9} * \frac{7}{9} = \frac{49}{81}$$

(4)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 52.4 \\ \times 1.7 \\ \hline 89.08 \end{array}$$

(5)

$$\begin{array}{r} 15 \\ 3 \overline{)45} \end{array}$$

(2)

18 (176)

$$\begin{array}{r} 23.7 \\ \times 9.4 \\ \hline 222.78 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

$$\begin{array}{r} 14.333 \\ 3 \overline{)43.0} \end{array}$$

(6)

20 (196)

AIMSweb® Mathematics Computation 2 Progress Monitor #30 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8 \overline{)93}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 562 \\ \times 5 \\ \hline \end{array}$$

$$\frac{1}{8} + \frac{9}{8} =$$

Convert to Decimal
 $\frac{3}{4} =$

$$3 \overline{)57}$$

$$\begin{array}{r} 11 \\ \times 3 \\ \hline \end{array}$$

75% of 27
=

$$\begin{array}{r} 14 \\ - 8.94 \\ \hline \end{array}$$

$$\begin{array}{r} 48.9 \\ \times 3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

$$5 \overline{)287}$$

Convert to Fraction
.6 =

$$\begin{array}{r} 8364 \\ 2649 \\ 2334 \\ + 1029 \\ \hline \end{array}$$

$$8 \overline{)12.7}$$

$$\begin{array}{r} 15.42 \\ + 7.35 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

Convert to Fraction
.9 =

79% of 75
=

Convert to Fraction
.75 =

Convert to Decimal
 $\frac{2}{5} =$

Convert to Fraction
.25 =

$$\begin{array}{r} 98.3 \\ - 9.89 \\ \hline \end{array}$$

97% of 25
=

$$\begin{array}{r} 96 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 37.8 \\ \times 6.6 \\ \hline \end{array}$$

$$\frac{1}{2} \div \frac{1}{3} =$$

Convert to Fraction
.7 =

$$\frac{2}{3} * \frac{2}{3} =$$

$$\frac{7}{9} + \frac{5}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #30 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{2}{3} =$$

$$1 - \frac{1}{3} =$$

Convert to Decimal

$$\frac{3}{5} =$$

Convert to Fraction
 $.4 =$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Decimal
 $\frac{2}{9} / \frac{2}{3} =$

Convert to Decimal
 $\frac{4}{5} =$

$$\frac{7}{8} + \frac{5}{8} =$$

31% of 25
 $=$

$$\frac{3}{4} / \frac{1}{7} =$$

Convert to Decimal
 $\frac{1}{4} =$

Convert to Decimal
 $\frac{9}{10} =$

$$\frac{35}{x 9}$$

$$\frac{9}{10} / \frac{2}{3} =$$

$$9 \overline{)24.3}$$

$$\frac{9}{8} - \frac{1}{2} =$$

$$8 \overline{)964}$$

Convert to Decimal
 $\frac{5}{8} =$

$$\frac{7}{9} + \frac{7}{9} =$$

$$\begin{array}{r} 6.62 \\ + 6.09 \\ \hline \end{array}$$

$$\frac{7}{9} * \frac{7}{9} =$$

Convert to Fraction
 $.2 =$

$$\frac{52.4}{x 1.7}$$

$$3 \overline{)45}$$

Convert to Decimal
 $\frac{1}{3} =$

Convert to Fraction
 $.8 =$

Convert to Decimal
 $\frac{3}{10} =$

$$3 \overline{)43.0}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #31 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 9 \text{ r } 3 \\ 5 \overline{)48} \end{array}$$

(2)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 193 \\ \times 52 \\ \hline 10036 \end{array}$$

(5)

$$\frac{7}{8} + \frac{9}{8} = 2$$

(1)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3) 13 (13)

$$\begin{array}{r} 10 \text{ r } 71 \\ 83 \overline{)901} \end{array}$$

(4)

$$\begin{array}{r} 11 \\ \times 5 \\ \hline 55 \end{array}$$

(2)

75% of 12

$$= 9$$

(1)

$$\begin{array}{r} 84.71 \\ - 8.65 \\ \hline 76.06 \end{array}$$

(5)

$$\begin{array}{r} 34.7 \\ \times 4 \\ \hline 138.8 \end{array}$$

(5) 17 (30)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\begin{array}{r} 7 \\ 7 \overline{)49} \end{array}$$

(1)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

$$\begin{array}{r} 8396 \\ 4133 \\ 2237 \\ + 189 \\ \hline 14955 \end{array}$$

(5)

$$\begin{array}{r} 7.8 \\ 8 \overline{)62.4} \end{array}$$

(3) 14 (44)

$$\begin{array}{r} 86.48 \\ + 2.9 \\ \hline 89.38 \end{array}$$

(5)

$$\begin{array}{r} 26 \\ \times 9 \\ \hline 234 \end{array}$$

(3)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

75% of 65

$$= 48.75$$

(5)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3) 18 (62)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 73.8 \\ - 1.06 \\ \hline 72.74 \end{array}$$

(5)

70% of 51

$$= 35.7$$

(4)

$$\begin{array}{r} 99 \\ \times 3 \\ \hline 297 \end{array}$$

(3) 18 (80)

$$\begin{array}{r} 29.5 \\ \times 3.7 \\ \hline 109.15 \end{array}$$

(6)

$$\frac{7}{8} \div \frac{4}{5} = 1\frac{3}{32}$$

(4)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\frac{1}{3} * \frac{1}{2} = \frac{1}{6}$$

(2)

$$\frac{1}{5} + \frac{3}{5} = \frac{4}{5}$$

(2) 16 (96)

AIMSweb® Mathematics Computation 2 Progress Monitor #31 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

Convert to Decimal

$$\frac{8}{9} - \frac{2}{9} = \frac{2}{3}$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2) 12 (108)

$$\frac{1}{2} / \frac{1}{4} = 2$$

(1)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\frac{2}{3} + \frac{2}{9} = \frac{8}{9}$$

(2)

83% of 75

$$= 62.25$$

(5)

$$\frac{8}{9} / \frac{9}{10} = \frac{80}{81}$$

(4) 14 (122)

$$\begin{array}{r} 110 \\ \times 10 \\ \hline 1100 \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$\begin{array}{r} 311 \\ \times 63 \\ \hline 19593 \end{array}$$

(5)

$$\frac{1}{2} / \frac{4}{9} = 1\frac{1}{8}$$

(3) 16 (138)

$$3 \overline{) 91.3} \quad \begin{array}{r} 30.433 \end{array}$$

(6)

$$\frac{5}{7} - \frac{3}{7} = \frac{2}{7}$$

(2)

$$78 \overline{) 948} \quad \begin{array}{r} 12 \text{ r } 12 \end{array}$$

(4)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$\frac{4}{5} + \frac{8}{5} = 2\frac{2}{5}$$

(3) 19 (157)

$$\begin{array}{r} 6.75 \\ + 2.13 \\ \hline 8.88 \end{array}$$

(4)

$$\frac{5}{8} * \frac{3}{5} = \frac{3}{8}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 28.5 \\ \times 5.6 \\ \hline 159.6 \end{array}$$

(5)

$$91 \overline{) 417} \quad \begin{array}{r} 4 \text{ r } 53 \end{array}$$

(3) 16 (173)

$$\begin{array}{r} 35.6 \\ \times 4.9 \\ \hline 174.44 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

$$11 \overline{) 29.7} \quad \begin{array}{r} 2.7 \end{array}$$

(3) 19 (192)

AIMSweb® Mathematics Computation 2 Progress Monitor #31 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$5 \overline{)48}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 193 \\ \times 52 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{9}{8} =$$

Convert to Decimal
 $\frac{3}{4} =$

$$83 \overline{)901}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

75% of 12
=

$$\begin{array}{r} 84.71 \\ - 8.65 \\ \hline \end{array}$$

$$\begin{array}{r} 34.7 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

$$7 \overline{)49}$$

Convert to Fraction
.1 =

$$\begin{array}{r} 8396 \\ 4133 \\ 2237 \\ + 189 \\ \hline \end{array}$$

$$8 \overline{)62.4}$$

$$\begin{array}{r} 86.48 \\ + 2.9 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ \times 9 \\ \hline \end{array}$$

Convert to Fraction
.6 =

75% of 65
=

Convert to Fraction
.9 =

Convert to Decimal
 $\frac{7}{8} =$

Convert to Fraction
.75 =

$$\begin{array}{r} 73.8 \\ - 1.06 \\ \hline \end{array}$$

70% of 51
=

$$\begin{array}{r} 99 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 29.5 \\ \times 3.7 \\ \hline \end{array}$$

$$\frac{7}{8} \div \frac{4}{5} =$$

Convert to Fraction
.4 =

$$\frac{1}{3} * \frac{1}{2} =$$

$$\frac{1}{5} + \frac{3}{5} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #31 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{7}{10} =$$

$$\frac{8}{9} - \frac{2}{9} =$$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Fraction
 $.2 =$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Decimal
 $\frac{1}{2} / \frac{1}{4} =$
 $\frac{2}{5} =$

$$\frac{2}{3} + \frac{2}{9} =$$

83% of 75
 $=$

$$\frac{8}{9} / \frac{9}{10} =$$

$$\begin{array}{r} 110 \\ \times 10 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{10} =$

Convert to Decimal
 $\frac{1}{5} =$

$$\begin{array}{r} 311 \\ \times 63 \\ \hline \end{array}$$

$$\frac{1}{2} / \frac{4}{9} =$$

$$3 \overline{)91.3}$$

$$\frac{5}{7} - \frac{3}{7} =$$

$$78 \overline{)948}$$

Convert to Decimal
 $\frac{5}{8} =$

$$\frac{4}{5} + \frac{8}{5} =$$

$$\begin{array}{r} 6.75 \\ + 2.13 \\ \hline \end{array}$$

$$\frac{5}{8} * \frac{3}{5} =$$

Convert to Fraction
 $.25 =$

$$\begin{array}{r} 28.5 \\ \times 5.6 \\ \hline \end{array}$$

$$91 \overline{)417}$$

$$\begin{array}{r} 35.6 \\ \times 4.9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{3} =$

Convert to Fraction
 $.7 =$

Convert to Decimal
 $\frac{1}{4} =$

$$11 \overline{)29.7}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #32 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Fraction

$$5 \overline{)35}^7$$

(1)

$$.6 = \frac{3}{5}$$

(2)

$$\begin{array}{r} 622 \\ \times 51 \\ \hline 31722 \end{array}$$

(5)

$$\frac{9}{10} + \frac{1}{2} = 1\frac{2}{5}$$

(3)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

14 (14)

$$12 \overline{)108}^9$$

(1)

$$\begin{array}{r} 256 \\ \times 2 \\ \hline 512 \end{array}$$

(3)

75% of 38

$$= 28.5$$

(4)

$$\begin{array}{r} 34.88 \\ - 6.9 \\ \hline 27.98 \end{array}$$

(5)

$$\begin{array}{r} 54.5 \\ \times 7 \\ \hline 381.5 \end{array}$$

(5)

18 (32)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$49 \overline{)767}^{15 \text{ r } 32}$$

(4)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\begin{array}{r} 9999 \\ 9396 \\ 8095 \\ + 5021 \\ \hline 32511 \end{array}$$

(5)

$$18 \overline{)50.4}^{2.8}$$

(3)

17 (49)

$$\begin{array}{r} 35.54 \\ + 6.84 \\ \hline 42.38 \end{array}$$

(5)

$$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

75% of 25

$$= 18.75$$

(5)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

16 (65)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 48.78 \\ - 8.46 \\ \hline 40.32 \end{array}$$

(5)

88% of 75

$$= 66$$

(2)

$$\begin{array}{r} 58.6 \\ \times 8 \\ \hline 468.8 \end{array}$$

(5)

18 (83)

$$\begin{array}{r} 28.1 \\ \times 7.9 \\ \hline 221.99 \end{array}$$

(6)

$$\frac{1}{4} \div \frac{3}{4} = \frac{1}{3}$$

(2)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

$$\frac{4}{5} * \frac{9}{10} = \frac{18}{25}$$

(4)

$$\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$$

(2)

17 (100)

AIMSweb® Mathematics Computation 2 Progress Monitor #32 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Decimal

$$\frac{9}{5} - \frac{4}{5} = 1$$

(1)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

14 (114)

$$\frac{5}{7} / \frac{7}{8} = \frac{40}{49}$$

(4)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

$$\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$$

(2)

75% of 64

$$= 48$$

(2)

$$\frac{4}{7} / \frac{5}{6} = \frac{24}{35}$$

(4)

14 (128)

$$\begin{array}{r} 21 \\ \times 7 \\ \hline 147 \end{array}$$

(3)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 939 \\ \times 83 \\ \hline 77937 \end{array}$$

(5)

$$\frac{1}{2} / \frac{2}{3} = \frac{3}{4}$$

(2)

14 (142)

$$19 \overline{)129.2}$$

(3)

$$\frac{9}{10} - \frac{1}{10} = \frac{4}{5}$$

(2)

$$7 \overline{)35}$$

(1)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\frac{5}{7} + \frac{4}{7} = 1\frac{2}{7}$$

(3)

11 (153)

$$\begin{array}{r} 53.26 \\ + 8.69 \\ \hline 61.95 \end{array}$$

(5)

$$\frac{5}{6} * \frac{1}{3} = \frac{5}{18}$$

(3)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 74.5 \\ \times 9.3 \\ \hline 692.85 \end{array}$$

(6)

$$12 \overline{)60}$$

(1)

18 (171)

$$\begin{array}{r} 69.8 \\ \times 6.4 \\ \hline 446.72 \end{array}$$

(6)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$9 \overline{)71.33}$$

(5)

19 (190)

AIMSweb® Mathematics Computation 2 Progress Monitor #32 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$5 \overline{)35}$$

Convert to Fraction
.6 =

$$\begin{array}{r} 622 \\ \times 51 \\ \hline \end{array}$$

$$\frac{9}{10} + \frac{1}{2} =$$

Convert to Decimal
 $\frac{1}{4} =$

$$12 \overline{)108}$$

$$\begin{array}{r} 256 \\ \times 2 \\ \hline \end{array}$$

75% of 38
=

$$\begin{array}{r} 34.88 \\ - 6.9 \\ \hline \end{array}$$

$$\begin{array}{r} 54.5 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

$$49 \overline{)767}$$

Convert to Fraction
.9 =

$$\begin{array}{r} 9999 \\ 9396 \\ 8095 \\ + 5021 \\ \hline \end{array}$$

$$18 \overline{)50.4}$$

$$\begin{array}{r} 35.54 \\ + 6.84 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

Convert to Fraction
.2 =

75% of 25
=

Convert to Fraction
.75 =

Convert to Decimal
 $\frac{1}{3} =$

Convert to Fraction
.5 =

$$\begin{array}{r} 48.78 \\ - 8.46 \\ \hline \end{array}$$

88% of 75
=

$$\begin{array}{r} 58.6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 28.1 \\ \times 7.9 \\ \hline \end{array}$$

$$\frac{1}{4} \div \frac{3}{4} =$$

Convert to Fraction
.1 =

$$\frac{4}{5} * \frac{9}{10} =$$

$$\frac{1}{9} + \frac{4}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #32 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{9}{5} - \frac{4}{5} =$$

Convert to Decimal

$$\frac{3}{8} =$$

Convert to Fraction
 $.8 =$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Decimal
 $\frac{5}{7} / \frac{7}{8} =$

Convert to Decimal
 $\frac{7}{10} =$

$$\frac{5}{9} + \frac{2}{9} =$$

75% of 64
 $=$

$$\frac{4}{7} / \frac{5}{6} =$$

Convert to Decimal
 $\frac{1}{2} =$

Convert to Decimal
 $\frac{9}{10} =$

$$\begin{array}{r} 939 \\ \times 83 \\ \hline \end{array}$$

$$\frac{1}{2} / \frac{2}{3} =$$

$$19 \overline{)129.2}$$

$$\frac{9}{10} - \frac{1}{10} =$$

Convert to Decimal
 $\frac{2}{5} =$

$$\frac{5}{7} + \frac{4}{7} =$$

$$\begin{array}{r} 53.26 \\ + 8.69 \\ \hline \end{array}$$

$$\frac{5}{6} * \frac{1}{3} =$$

Convert to Fraction
 $.7 =$

$$\begin{array}{r} 74.5 \\ \times 9.3 \\ \hline \end{array}$$

$$12 \overline{)60}$$

Convert to Decimal
 $\frac{4}{5} =$

Convert to Fraction
 $.25 =$

Convert to Decimal
 $\frac{5}{8} =$

$$9 \overline{)64.2}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #33 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 2 \overline{)16} \\ \underline{16} \\ 0 \end{array}$$

(1)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 470 \\ \times 94 \\ \hline 44180 \end{array}$$

(5)

$$\frac{3}{8} + \frac{3}{8} = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

14 (14)

$$\begin{array}{r} 317 \text{ r } 1 \\ 3 \overline{)952} \\ \underline{9} \\ 52 \\ \underline{51} \\ 1 \end{array}$$

(4)

$$\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$$

(2)

65% of 25

$$= 16.25$$

(5)

$$\begin{array}{r} 10.21 \\ - 5.12 \\ \hline 5.09 \end{array}$$

(4)

$$\begin{array}{r} 77.7 \\ \times 7 \\ \hline 543.9 \end{array}$$

(5)

20 (34)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

$$\begin{array}{r} 5 \text{ r } 59 \\ 86 \overline{)489} \\ \underline{428} \\ 61 \end{array}$$

(3)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 7644 \\ 5421 \\ 1460 \\ + 146 \\ \hline 14671 \end{array}$$

(5)

$$\begin{array}{r} 3.433 \\ 6 \overline{)20.6} \\ \underline{12} \\ 86 \\ \underline{84} \\ 20 \end{array}$$

(5)

19 (53)

$$\begin{array}{r} 99.29 \\ + 7.81 \\ \hline 107.1 \end{array}$$

(5)

$$\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$$

(2)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

90% of 34

$$= 30.6$$

(4)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

17 (70)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 57.58 \\ - 5.95 \\ \hline 51.63 \end{array}$$

(5)

44% of 25

$$= 11$$

(2)

$$\begin{array}{r} 21.7 \\ \times 2 \\ \hline 43.4 \end{array}$$

(4)

15 (85)

$$\begin{array}{r} 46.4 \\ \times 4.5 \\ \hline 208.8 \end{array}$$

(5)

$$\frac{9}{10} \div \frac{1}{2} = 1\frac{4}{5}$$

(3)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\frac{7}{9} \times \frac{8}{9} = \frac{56}{81}$$

(4)

$$\frac{2}{5} + \frac{7}{5} = 1\frac{4}{5}$$

(3)

17 (102)

AIMSweb® Mathematics Computation 2 Progress Monitor #33 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Decimal

$$\frac{8}{9} - \frac{4}{9} = \frac{4}{9}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

14 (116)

$$\frac{8}{9} / \frac{2}{9} = 4$$

(1)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

(2)

90% of 43

$$= 38.7$$

(4)

$$\frac{2}{3} / \frac{1}{3} = 2$$

(1)

11 (127)

$$\begin{array}{r} 181 \\ \times 21 \\ \hline 3801 \end{array}$$

(4)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array}$$

(2)

$$\frac{3}{5} / \frac{7}{9} = \frac{27}{35}$$

(4)

14 (141)

$$\begin{array}{r} 6.2 \\ 8 \overline{)49.6} \end{array}$$

(3)

$$\frac{8}{9} - \frac{1}{3} = \frac{5}{9}$$

(2)

$$10 \overline{)70}$$

(1)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

$$\frac{6}{7} + \frac{4}{7} = 1\frac{3}{7}$$

(3)

11 (152)

$$\begin{array}{r} 38.72 \\ + 5.98 \\ \hline 44.7 \end{array}$$

(4)

$$\frac{1}{3} * \frac{8}{9} = \frac{8}{27}$$

(3)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\begin{array}{r} 11.4 \\ \times 2.9 \\ \hline 33.06 \end{array}$$

(5)

$$\begin{array}{r} 6 \text{ r } 5 \\ 6 \overline{)41} \end{array}$$

(2)

16 (168)

$$\begin{array}{r} 9.6 \\ \times 5.5 \\ \hline 52.8 \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$9 \overline{)80.44}$$

(5)

18 (186)

AIMSweb® Mathematics Computation 2 Progress Monitor #33 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$2 \overline{)16}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 470 \\ \times 94 \\ \hline \end{array}$$

$$\frac{3}{8} + \frac{3}{8} =$$

Convert to Decimal
 $\frac{3}{8} =$

$$3 \overline{)952}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

65% of 25
=

$$\begin{array}{r} 10.21 \\ - 5.12 \\ \hline \end{array}$$

$$\begin{array}{r} 77.7 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

$$86 \overline{)489}$$

Convert to Fraction
.75 =

$$\begin{array}{r} 7644 \\ 5421 \\ 1460 \\ + 146 \\ \hline \end{array}$$

$$6 \overline{)20.6}$$

$$\begin{array}{r} 99.29 \\ + 7.81 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

Convert to Fraction
.9 =

90% of 34
=

Convert to Fraction
.7 =

Convert to Decimal
 $\frac{3}{5} =$

Convert to Fraction
.2 =

$$\begin{array}{r} 57.58 \\ - 5.95 \\ \hline \end{array}$$

44% of 25
=

$$\begin{array}{r} 21.7 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 46.4 \\ \times 4.5 \\ \hline \end{array}$$

$$\frac{9}{10} \div \frac{1}{2} =$$

Convert to Fraction
.8 =

$$\frac{7}{9} * \frac{8}{9} =$$

$$\frac{2}{5} + \frac{7}{5} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #33 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{2}{3} =$$

$$\frac{8}{9} - \frac{4}{9} =$$

Convert to Decimal

$$\frac{7}{10} =$$

Convert to Fraction
.25 =

Convert to Decimal

$$\frac{1}{3} =$$

Convert to Decimal

$$\frac{8}{9} / \frac{2}{9} =$$

$$\frac{1}{4} =$$

$$\frac{1}{3} + \frac{1}{3} =$$

90% of 43
=

$$\frac{2}{3} / \frac{1}{3} =$$

Convert to Decimal

$$\begin{array}{r} 181 \\ \times 21 \\ \hline \end{array}$$

$$\frac{2}{5} =$$

Convert to Decimal

$$\frac{9}{10} =$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\frac{3}{5} / \frac{7}{9} =$$

$$8 \overline{)49.6}$$

$$\frac{8}{9} - \frac{1}{3} =$$

Convert to Decimal

$$10 \overline{)70}$$

$$\frac{1}{10} =$$

$$\frac{6}{7} + \frac{4}{7} =$$

$$\begin{array}{r} 38.72 \\ + 5.98 \\ \hline \end{array}$$

$$\frac{1}{3} * \frac{8}{9} =$$

Convert to Fraction
.4 =

$$\begin{array}{r} 11.4 \\ \times 2.9 \\ \hline \end{array}$$

$$6 \overline{)41}$$

Convert to Decimal

$$\begin{array}{r} 9.6 \\ \times 5.5 \\ \hline \end{array}$$

$$\frac{1}{5} =$$

Convert to Fraction

$$.3 =$$

Convert to Decimal

$$\frac{7}{8} =$$

$$9 \overline{)72.4}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #34 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 0 \text{ r } 7 \\ 9 \overline{)7} \end{array}$$

(2)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\begin{array}{r} 97 \\ \times 9 \\ \hline 873 \end{array}$$

(3)

$$\frac{2}{3} + \frac{5}{9} = 1\frac{2}{9}$$

(3)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

12 (12)

$$\begin{array}{r} 78 \text{ r } 5 \\ 8 \overline{)629} \end{array}$$

(3)

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

(2)

34% of 25

$$= 8.5$$

(3)

$$\begin{array}{r} 30.94 \\ - 1.29 \\ \hline 29.65 \end{array}$$

(5)

$$\begin{array}{r} 96.3 \\ \times 5 \\ \hline 481.5 \end{array}$$

(5)

18 (30)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

$$\begin{array}{r} 2 \\ 5 \overline{)10} \end{array}$$

(1)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 8742 \\ 7386 \\ 2266 \\ + 1361 \\ \hline 19755 \end{array}$$

(5)

$$\begin{array}{r} 11.15 \\ 2 \overline{)22.3} \end{array}$$

(5)

15 (45)

$$\begin{array}{r} 25.26 \\ + 4.24 \\ \hline 29.5 \end{array}$$

(4)

$$\begin{array}{r} 105 \\ \times 4 \\ \hline 420 \end{array}$$

(3)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

25% of 20

$$= 5$$

(1)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

12 (57)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 29.69 \\ - 1.22 \\ \hline 28.47 \end{array}$$

(5)

25% of 24

$$= 6$$

(1)

$$\begin{array}{r} 64.9 \\ \times 3 \\ \hline 194.7 \end{array}$$

(5)

17 (74)

$$\begin{array}{r} 60.4 \\ \times 8.9 \\ \hline 537.56 \end{array}$$

(6)

$$\frac{5}{8} \div \frac{4}{5} = \frac{25}{32}$$

(4)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\frac{3}{7} \times \frac{8}{9} = \frac{8}{21}$$

(3)

$$\frac{1}{2} + \frac{3}{4} = 1\frac{1}{4}$$

(3)

18 (92)

AIMSweb® Mathematics Computation 2 Progress Monitor #34 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Decimal

$$\frac{8}{9} - \frac{5}{9} = \frac{1}{3}$$

(2)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

14 (106)

Convert to Decimal

$$\frac{8}{9} \div \frac{2}{3} = 1\frac{1}{3}$$

(3)

$$\frac{1}{5} = .2$$

(2)

$$\frac{9}{10} + \frac{2}{5} = 1\frac{3}{10}$$

(4)

75% of 55

$$= 41.25$$

(5)

$$\frac{2}{5} \div \frac{2}{3} = \frac{3}{5}$$

(2)

16 (122)

Convert to Decimal

$$\begin{array}{r} 411 \\ \times 16 \\ \hline 6576 \end{array}$$

(4)

$$\frac{7}{10} = .7$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 411 \\ \times 47 \\ \hline 19317 \end{array}$$

(5)

$$\frac{1}{3} \div \frac{1}{5} = 1\frac{2}{3}$$

(3)

16 (138)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\frac{4}{9} + \frac{2}{3} = 1\frac{1}{9}$$

(3)

13 (151)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 74.1 \\ \times 8.9 \\ \hline 659.49 \end{array}$$

(6)

$$66 \overline{)362} \quad 5 \text{ r } 32$$

(3)

20 (171)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

$$3 \overline{)32.4} \quad 32.4$$

(4)

17 (188)

$$\begin{array}{r} 47.4 \\ \times 7.7 \\ \hline 364.98 \end{array}$$

(6)

AIMSweb® Mathematics Computation 2 Progress Monitor #34 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$9 \overline{)7}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 97 \\ \times 9 \\ \hline \end{array}$$

$$\frac{2}{3} + \frac{5}{9} =$$

Convert to Decimal
 $\frac{3}{5} =$

$$8 \overline{)629}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

34% of 25
=

$$\begin{array}{r} 30.94 \\ - 1.29 \\ \hline \end{array}$$

$$\begin{array}{r} 96.3 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{10} =$

$$5 \overline{)10}$$

Convert to Fraction
.8 =

$$\begin{array}{r} 8742 \\ 7386 \\ 2266 \\ + 1361 \\ \hline \end{array}$$

$$2 \overline{)22.3}$$

$$\begin{array}{r} 25.26 \\ + 4.24 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ \times 4 \\ \hline \end{array}$$

Convert to Fraction
.6 =

25% of 20
=

Convert to Fraction
.5 =

Convert to Decimal
 $\frac{2}{3} =$

Convert to Fraction
.25 =

$$\begin{array}{r} 29.69 \\ - 1.22 \\ \hline \end{array}$$

25% of 24
=

$$\begin{array}{r} 64.9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 60.4 \\ \times 8.9 \\ \hline \end{array}$$

$$\frac{5}{8} \div \frac{4}{5} =$$

Convert to Fraction
.2 =

$$\frac{3}{7} * \frac{8}{9} =$$

$$1\frac{1}{2} + \frac{3}{4} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #34 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{8}{9} - \frac{5}{9} =$$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Fraction
 $.1 =$

Convert to Decimal

$$\frac{7}{8} =$$

Convert to Decimal
 $\frac{8}{9} / \frac{2}{3} =$

Convert to Decimal
 $\frac{1}{5} =$

$$\frac{9}{10} + \frac{2}{5} =$$

75% of 55
 $=$

$$\frac{2}{5} / \frac{2}{3} =$$

$$\begin{array}{r} 411 \\ \times 16 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{10} =$

Convert to Decimal
 $\frac{9}{10} =$

$$\begin{array}{r} 411 \\ \times 47 \\ \hline \end{array}$$

$$\frac{1}{3} / \frac{1}{5} =$$

$$12 \overline{)67.2}$$

$$\frac{3}{2} - \frac{5}{6} =$$

$$5 \overline{)59}$$

Convert to Decimal
 $\frac{2}{5} =$

$$\frac{4}{9} + \frac{2}{3} =$$

$$\begin{array}{r} 13.93 \\ + 8.84 \\ \hline \end{array}$$

$$\frac{7}{9} * \frac{1}{2} =$$

Convert to Fraction
 $.7 =$

$$\begin{array}{r} 74.1 \\ \times 8.9 \\ \hline \end{array}$$

$$66 \overline{)362}$$

$$\begin{array}{r} 47.4 \\ \times 7.7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

Convert to Fraction
 $.75 =$

Convert to Decimal
 $\frac{1}{4} =$

$$3 \overline{)97.2}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #35 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|--|--|---|---------|
| $\begin{array}{r} 9 \text{ r } 1 \\ 3 \overline{)28} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | $\begin{array}{r} 69 \\ \times 6 \\ \hline 414 \end{array}$ <p>(3)</p> | $\frac{3}{4} + \frac{9}{4} = 3$ <p>(1)</p> | <p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p> | 10 (10) |
|--|--|--|--|---|---------|

| | | | | | |
|--|--|-------------------------------------|---|--|---------|
| $\begin{array}{r} 14 \text{ r } 22 \\ 52 \overline{)750} \end{array}$ <p>(4)</p> | $\begin{array}{r} 87 \\ \times 31 \\ \hline 2697 \end{array}$ <p>(4)</p> | <p>76% of 10</p> $= 7.6$ <p>(3)</p> | $\begin{array}{r} 75.59 \\ - 8.54 \\ \hline 67.05 \end{array}$ <p>(5)</p> | $\begin{array}{r} 99.2 \\ \times 5 \\ \hline 496 \end{array}$ <p>(3)</p> | 19 (29) |
|--|--|-------------------------------------|---|--|---------|

| | | | | | |
|--|---|---|--|--|---------|
| <p>Convert to Decimal</p> $\frac{9}{10} = .9$ <p>(2)</p> | $\begin{array}{r} 17 \text{ r } 2 \\ 5 \overline{)87} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p> | $\begin{array}{r} 9748 \\ 7823 \\ 5515 \\ + 5381 \\ \hline 28467 \end{array}$ <p>(5)</p> | $\begin{array}{r} 2.7 \\ 20 \overline{)54.0} \end{array}$ <p>(3)</p> | 15 (44) |
|--|---|---|--|--|---------|

| | | | | | |
|---|--|--|------------------------------------|--|---------|
| $\begin{array}{r} 14.15 \\ + 6.71 \\ \hline 20.86 \end{array}$ <p>(5)</p> | $\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | <p>96% of 75</p> $= 72$ <p>(2)</p> | <p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p> | 13 (57) |
|---|--|--|------------------------------------|--|---------|

| | | | | | |
|---|---|--|--------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | $\begin{array}{r} 68.96 \\ - 3.76 \\ \hline 65.2 \end{array}$ <p>(4)</p> | <p>94% of 25</p> $= 23.5$ <p>(4)</p> | $\begin{array}{r} 85.5 \\ \times 9 \\ \hline 769.5 \end{array}$ <p>(5)</p> | 17 (74) |
|---|---|--|--------------------------------------|--|---------|

| | | | | | |
|---|---|---|---|---|---------|
| $\begin{array}{r} 99.3 \\ \times 6.1 \\ \hline 605.73 \end{array}$ <p>(6)</p> | $\frac{1}{2} \div \frac{2}{3} = \frac{3}{4}$ <p>(2)</p> | <p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p> | $\frac{5}{7} \times \frac{3}{8} = \frac{15}{56}$ <p>(4)</p> | $\frac{1}{2} + \frac{7}{6} = 1\frac{2}{3}$ <p>(3)</p> | 18 (92) |
|---|---|---|---|---|---------|

AIMSweb® Mathematics Computation 2 Progress Monitor #35 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

Convert to Decimal

$$\frac{6}{5} - \frac{4}{5} = \frac{2}{5}$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

17 (109)

$$\frac{1}{7} / \frac{1}{8} = 1\frac{1}{7}$$

(3)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

$$\frac{8}{9} + \frac{2}{3} = 1\frac{5}{9}$$

(3)

65% of 40

$$= 26$$

(2)

$$\frac{9}{10} / \frac{5}{7} = 1\frac{13}{50}$$

(5)

17 (126)

$$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\begin{array}{r} 18 \\ \times 2 \\ \hline 36 \end{array}$$

(2)

$$\frac{9}{10} / \frac{6}{7} = 1\frac{1}{20}$$

(4)

13 (139)

$$\begin{array}{r} 14.75 \\ 6 \overline{)88.5} \end{array}$$

(5)

$$\frac{8}{5} - \frac{1}{5} = 1\frac{2}{5}$$

(3)

$$\begin{array}{r} 11 \text{ r } 4 \\ 7 \overline{)81} \end{array}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{2}{5} + \frac{9}{5} = 2\frac{1}{5}$$

(3)

16 (155)

$$\begin{array}{r} 94.27 \\ + 4.86 \\ \hline 99.13 \end{array}$$

(5)

$$\frac{7}{9} * \frac{7}{8} = \frac{49}{72}$$

(4)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\begin{array}{r} 28.1 \\ \times 7.7 \\ \hline 216.37 \end{array}$$

(6)

$$\begin{array}{r} 127 \text{ r } 6 \\ 7 \overline{)895} \end{array}$$

(4)

22 (177)

$$\begin{array}{r} 50.1 \\ \times 5 \\ \hline 250.5 \end{array}$$

(5)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$\begin{array}{r} 7.4 \\ 13 \overline{)96.2} \end{array}$$

(3)

16 (193)

AIMSweb® Mathematics Computation 2 Progress Monitor #35 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$3 \overline{)28}$$

Convert to Fraction
.8 =

$$\begin{array}{r} 69 \\ \times 6 \\ \hline \end{array}$$

$$\frac{3}{4} + \frac{9}{4} =$$

Convert to Decimal
 $\frac{1}{2} =$

$$52 \overline{)750}$$

$$\begin{array}{r} 87 \\ \times 31 \\ \hline \end{array}$$

76% of 10
=

$$\begin{array}{r} 75.59 \\ - 8.54 \\ \hline \end{array}$$

$$\begin{array}{r} 99.2 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{9}{10} =$

$$5 \overline{)87}$$

Convert to Fraction
.25 =

$$\begin{array}{r} 9748 \\ 7823 \\ 5515 \\ + 5381 \\ \hline \end{array}$$

$$20 \overline{)54.0}$$

$$\begin{array}{r} 14.15 \\ + 6.71 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

Convert to Fraction
.5 =

96% of 75
=

Convert to Fraction
.2 =

Convert to Decimal
 $\frac{2}{5} =$

Convert to Fraction
.75 =

$$\begin{array}{r} 68.96 \\ - 3.76 \\ \hline \end{array}$$

94% of 25
=

$$\begin{array}{r} 85.5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 99.3 \\ \times 6.1 \\ \hline \end{array}$$

$$\frac{1}{2} \div \frac{2}{3} =$$

Convert to Fraction
.3 =

$$\frac{5}{7} \times \frac{3}{8} =$$

$$\frac{1}{2} + \frac{7}{6} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #35 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{5}{8} =$$

$$\frac{6}{5} - \frac{4}{5} =$$

Convert to Decimal

$$\frac{2}{3} =$$

Convert to Fraction
 $.7 =$

Convert to Decimal

$$\frac{1}{3} =$$

Convert to Decimal
 $\frac{1}{7} / \frac{1}{8} =$

Convert to Decimal
 $\frac{1}{8} =$

$$\frac{8}{9} + \frac{2}{3} =$$

65% of 40
 $=$

$$\frac{9}{10} / \frac{5}{7} =$$

Convert to Decimal
 $\frac{1}{5} =$

Convert to Decimal
 $\frac{3}{4} =$

$$\begin{array}{r} 18 \\ \times 2 \\ \hline \end{array}$$

$$\frac{9}{10} / \frac{6}{7} =$$

$$6 \overline{)88.5}$$

$$\frac{8}{5} - \frac{1}{5} =$$

Convert to Decimal
 $\frac{4}{5} =$

$$\frac{2}{5} + \frac{9}{5} =$$

$$\begin{array}{r} 94.27 \\ + 4.86 \\ \hline \end{array}$$

$$\frac{7}{9} * \frac{7}{8} =$$

Convert to Fraction
 $.9 =$

$$\begin{array}{r} 28.1 \\ \times 7.7 \\ \hline \end{array}$$

$$7 \overline{)895}$$

Convert to Decimal
 $\frac{3}{8} =$

Convert to Fraction
 $.4 =$

Convert to Decimal
 $\frac{3}{5} =$

$$13 \overline{)96.2}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #36 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|--|--|---|--|--|----------------|
| $\begin{array}{r} 2 \text{ r } 8 \\ 9 \overline{)26} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 12 \\ \times 2 \\ \hline 24 \end{array}$ <p>(2)</p> | $\frac{4}{9} + \frac{4}{9} = \frac{8}{9}$ <p>(2)</p> | <p>Convert to Decimal</p> $\frac{1}{10} = .1$ <p>(2)</p> | <p>10 (10)</p> |
|--|--|---|--|--|----------------|

| | | | | | |
|---|--|-------------------------------------|---|--|----------------|
| $\begin{array}{r} 8 \\ 5 \overline{)40} \end{array}$ <p>(1)</p> | $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$ <p>(2)</p> | <p>25% of 14</p> $= 3.5$ <p>(3)</p> | $\begin{array}{r} 96.05 \\ - 9.42 \\ \hline 86.63 \end{array}$ <p>(5)</p> | $\begin{array}{r} 92.6 \\ \times 5 \\ \hline 463 \end{array}$ <p>(3)</p> | <p>14 (24)</p> |
|---|--|-------------------------------------|---|--|----------------|

| | | | | | |
|---|--|--|--|--|----------------|
| <p>Convert to Decimal</p> $\frac{1}{8} = .125$ <p>(4)</p> | $\begin{array}{r} 4 \text{ r } 5 \\ 6 \overline{)29} \end{array}$ <p>(2)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 4573 \\ 4320 \\ 3777 \\ + 1323 \\ \hline 13993 \end{array}$ <p>(5)</p> | $\begin{array}{r} 10.475 \\ 4 \overline{)41.9} \end{array}$ <p>(6)</p> | <p>19 (43)</p> |
|---|--|--|--|--|----------------|

| | | | | | |
|---|--|---|--------------------------------------|---|----------------|
| $\begin{array}{r} 66.71 \\ + 3.93 \\ \hline 70.64 \end{array}$ <p>(5)</p> | $\begin{array}{r} 368 \\ \times 87 \\ \hline 32016 \end{array}$ <p>(5)</p> | <p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p> | <p>74% of 25</p> $= 18.5$ <p>(4)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | <p>18 (61)</p> |
|---|--|---|--------------------------------------|---|----------------|

| | | | | | |
|---|---|--|--------------------------------------|--|----------------|
| <p>Convert to Decimal</p> $\frac{5}{8} = .625$ <p>(4)</p> | <p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p> | $\begin{array}{r} 34.09 \\ - 3.09 \\ \hline 31 \end{array}$ <p>(2)</p> | <p>75% of 38</p> $= 28.5$ <p>(4)</p> | $\begin{array}{r} 42.9 \\ \times 7 \\ \hline 300.3 \end{array}$ <p>(5)</p> | <p>18 (79)</p> |
|---|---|--|--------------------------------------|--|----------------|

| | | | | | |
|---|--|--|--|--|----------------|
| $\begin{array}{r} 75.6 \\ \times 2.6 \\ \hline 196.56 \end{array}$ <p>(6)</p> | $\frac{5}{6} \div \frac{3}{4} = 1\frac{1}{9}$ <p>(3)</p> | <p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p> | $\frac{3}{4} \times \frac{7}{9} = \frac{7}{12}$ <p>(3)</p> | $\frac{2}{9} + \frac{5}{9} = \frac{7}{9}$ <p>(2)</p> | <p>16 (95)</p> |
|---|--|--|--|--|----------------|

AIMSweb® Mathematics Computation 2 Progress Monitor #36 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Decimal

$$\frac{7}{9} - \frac{2}{3} = \frac{1}{9}$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

13 (108)

Convert to Decimal

$$\frac{1}{3} \div \frac{3}{7} = \frac{7}{9}$$

(2)

$$\frac{1}{3} = .333$$

(4)

$$\frac{2}{5} + \frac{3}{5} = 1$$

(1)

75% of 21

$$= 15.75$$

(5)

$$\frac{2}{7} \div \frac{8}{9} = \frac{9}{28}$$

(3)

15 (123)

Convert to Decimal

$$\begin{array}{r} 331 \\ \times 9 \\ \hline 2979 \end{array}$$

(4)

$$\frac{7}{10} = .7$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$\begin{array}{r} 279 \\ \times 19 \\ \hline 5301 \end{array}$$

(4)

$$\frac{3}{5} \div \frac{8}{9} = \frac{27}{40}$$

(4)

16 (139)

$$2 \overline{)8.4}$$

(3)

$$\frac{8}{9} - \frac{2}{3} = \frac{2}{9}$$

(2)

$$9 \overline{)22} \text{ 2 r 4}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

(2)

11 (150)

$$\begin{array}{r} 37.98 \\ + 7.68 \\ \hline 45.66 \end{array}$$

(5)

$$\frac{4}{7} \times \frac{7}{9} = \frac{4}{9}$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 32.7 \\ \times 6.6 \\ \hline 215.82 \end{array}$$

(6)

$$11 \overline{)55}$$

(1)

16 (166)

$$\begin{array}{r} 24 \\ \times 3.8 \\ \hline 91.2 \end{array}$$

(4)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$6 \overline{)14.767}$$

(6)

16 (182)

AIMSweb® Mathematics Computation 2 Progress Monitor #36 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

| | | | | |
|--------------------|-----------------------------|---|-------------------------------|--|
| $9 \overline{)26}$ | Convert to Fraction .5 = | $\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$ | $\frac{4}{9} + \frac{4}{9} =$ | Convert to Decimal $\frac{1}{10} =$ |
|--------------------|-----------------------------|---|-------------------------------|--|

| | | | | |
|--------------------|--|----------------|--|---|
| $5 \overline{)40}$ | $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$ | 25% of 14 = | $\begin{array}{r} 96.05 \\ - 9.42 \\ \hline \end{array}$ | $\begin{array}{r} 92.6 \\ \times 5 \\ \hline \end{array}$ |
|--------------------|--|----------------|--|---|

| | | | | |
|---------------------------------------|--------------------|-----------------------------|---|----------------------|
| Convert to Decimal $\frac{1}{8} =$ | $6 \overline{)29}$ | Convert to Fraction .4 = | $\begin{array}{r} 4573 \\ 4320 \\ 3777 \\ + 1323 \\ \hline \end{array}$ | $4 \overline{)41.9}$ |
|---------------------------------------|--------------------|-----------------------------|---|----------------------|

| | | | | |
|--|---|------------------------------|----------------|------------------------------|
| $\begin{array}{r} 66.71 \\ + 3.93 \\ \hline \end{array}$ | $\begin{array}{r} 368 \\ \times 87 \\ \hline \end{array}$ | Convert to Fraction .25 = | 74% of 25 = | Convert to Fraction .75 = |
|--|---|------------------------------|----------------|------------------------------|

| | | | | |
|---------------------------------------|-----------------------------|--|----------------|---|
| Convert to Decimal $\frac{5}{8} =$ | Convert to Fraction .3 = | $\begin{array}{r} 34.09 \\ - 3.09 \\ \hline \end{array}$ | 75% of 38 = | $\begin{array}{r} 42.9 \\ \times 7 \\ \hline \end{array}$ |
|---------------------------------------|-----------------------------|--|----------------|---|

| | | | | |
|---|----------------------------------|-----------------------------|-------------------------------|-------------------------------|
| $\begin{array}{r} 75.6 \\ \times 2.6 \\ \hline \end{array}$ | $\frac{5}{6} \div \frac{3}{4} =$ | Convert to Fraction .8 = | $\frac{3}{4} * \frac{7}{9} =$ | $\frac{2}{9} + \frac{5}{9} =$ |
|---|----------------------------------|-----------------------------|-------------------------------|-------------------------------|

AIMSweb® Mathematics Computation 2 Progress Monitor #36 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{7}{9} - \frac{2}{3} =$$

Convert to Decimal

$$\frac{1}{5} =$$

Convert to Fraction
 $.7 =$

Convert to Decimal

$$\frac{1}{4} =$$

Convert to Decimal
 $\frac{1}{3} / \frac{3}{7} =$

Convert to Decimal
 $\frac{1}{3} =$

$$\frac{2}{5} + \frac{3}{5} =$$

75% of 21
 $=$

$$\frac{2}{7} / \frac{8}{9} =$$

$$\begin{array}{r} 331 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{10} =$

Convert to Decimal
 $\frac{9}{10} =$

$$\begin{array}{r} 279 \\ \times 19 \\ \hline \end{array}$$

$$\frac{3}{5} / \frac{8}{9} =$$

$$2 \overline{)8.4}$$

$$\frac{8}{9} - \frac{2}{3} =$$

$$9 \overline{)22}$$

Convert to Decimal
 $\frac{1}{2} =$

$$\frac{1}{3} + \frac{1}{3} =$$

$$\begin{array}{r} 37.98 \\ + 7.68 \\ \hline \end{array}$$

$$\frac{4}{7} * \frac{7}{9} =$$

Convert to Fraction
 $.2 =$

$$\begin{array}{r} 32.7 \\ \times 6.6 \\ \hline \end{array}$$

$$11 \overline{)55}$$

$$\begin{array}{r} 24 \\ \times 3.8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

Convert to Fraction
 $.6 =$

Convert to Decimal
 $\frac{2}{5} =$

$$6 \overline{)88.6}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #37 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 11 \\ 12 \overline{)132} \\ \underline{12} \\ 12 \\ \underline{12} \\ 0 \end{array}$$

(2)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\begin{array}{r} 11 \\ \times 2 \\ \hline 22 \end{array}$$

(2)

$$\frac{8}{9} + \frac{8}{9} = 1\frac{7}{9}$$

(3)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

11 (11)

$$\begin{array}{r} 11 \\ 4 \overline{)44} \\ \underline{4} \\ 0 \end{array}$$

(2)

$$\begin{array}{r} 61 \\ \times 8 \\ \hline 488 \end{array}$$

(3)

48% of 25

$$= 12$$

(2)

$$\begin{array}{r} 4.26 \\ - 3.56 \\ \hline .7 \end{array}$$

(2)

$$\begin{array}{r} 69.1 \\ \times 2 \\ \hline 138.2 \end{array}$$

(5)

14 (25)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

$$\begin{array}{r} 10 \\ 8 \overline{)80} \\ \underline{8} \\ 0 \end{array}$$

(2)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

$$\begin{array}{r} 2846 \\ 1201 \\ 533 \\ + 353 \\ \hline 4933 \end{array}$$

(4)

$$\begin{array}{r} 21.875 \\ 4 \overline{)87.5} \\ \underline{4} \\ 47 \\ \underline{40} \\ 75 \\ \underline{72} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

(6)

19 (44)

$$\begin{array}{r} 98.19 \\ + 6.71 \\ \hline 104.9 \end{array}$$

(5)

$$\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$$

(2)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

$$\begin{array}{r} 25\% \text{ of } 22 \\ = 5.5 \end{array}$$

(3)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

15 (59)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 13.95 \\ - 4.29 \\ \hline 9.66 \end{array}$$

(4)

$$\begin{array}{r} 90\% \text{ of } 82 \\ = 73.8 \end{array}$$

(4)

$$\begin{array}{r} 55.5 \\ \times 9 \\ \hline 499.5 \end{array}$$

(5)

17 (76)

$$\begin{array}{r} 60.9 \\ \times 7 \\ \hline 426.3 \end{array}$$

(5)

$$\frac{8}{9} \div \frac{2}{9} = 4$$

(1)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

$$\frac{4}{9} \times \frac{5}{7} = \frac{20}{63}$$

(4)

$$\frac{9}{10} + \frac{2}{5} = 1\frac{3}{10}$$

(4)

17 (93)

AIMSweb® Mathematics Computation 2 Progress Monitor #37 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Decimal

$$\frac{5}{8} - \frac{1}{8} = \frac{1}{2}$$

(2)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

13 (106)

$$\frac{5}{6} / \frac{4}{9} = 1\frac{7}{8}$$

(3)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$\frac{9}{10} + \frac{1}{2} = 1\frac{2}{5}$$

(3)

68% of 25

$$= 17$$

(2)

$$\frac{1}{2} / \frac{7}{8} = \frac{4}{7}$$

(2)

12 (118)

$$\begin{array}{r} 489 \\ \times 58 \\ \hline 28362 \end{array}$$

(5)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\begin{array}{r} 976 \\ \times 7 \\ \hline 6832 \end{array}$$

(4)

$$\frac{5}{6} / \frac{1}{4} = 3\frac{1}{3}$$

(3)

20 (138)

$$14 \overline{) 71.4}$$

(3)

$$\frac{2}{5} - \frac{1}{5} = \frac{1}{5}$$

(2)

$$6 \overline{) 96}$$

(2)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

$$\frac{3}{4} + \frac{3}{4} = 1\frac{1}{2}$$

(3)

13 (151)

$$\begin{array}{r} 89.27 \\ + 6.82 \\ \hline 96.09 \end{array}$$

(5)

$$\frac{5}{9} * \frac{7}{9} = \frac{35}{81}$$

(4)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 72.5 \\ \times 9.5 \\ \hline 688.75 \end{array}$$

(6)

$$11 \overline{) 33}$$

(1)

18 (169)

$$\begin{array}{r} 92.7 \\ \times 6.5 \\ \hline 602.55 \end{array}$$

(6)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

Convert to Decimal

$$\frac{9}{10} = .9$$

(2)

$$6 \overline{) 21.6}$$

(3)

15 (184)

AIMSweb® Mathematics Computation 2 Progress Monitor #37 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$12 \overline{)132}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 11 \\ \times 2 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{8}{9} =$$

Convert to Decimal
 $\frac{1}{2} =$

$$4 \overline{)44}$$

$$\begin{array}{r} 61 \\ \times 8 \\ \hline \end{array}$$

48% of 25
=

$$\begin{array}{r} 4.26 \\ - 3.56 \\ \hline \end{array}$$

$$\begin{array}{r} 69.1 \\ \times 2 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{8} =$

$$8 \overline{)80}$$

Convert to Fraction
.3 =

$$\begin{array}{r} 2846 \\ 1201 \\ 533 \\ + 353 \\ \hline \end{array}$$

$$4 \overline{)87.5}$$

$$\begin{array}{r} 98.19 \\ + 6.71 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 8 \\ \hline \end{array}$$

Convert to Fraction
.9 =

25% of 22
=

Convert to Fraction
.2 =

Convert to Decimal
 $\frac{4}{5} =$

Convert to Fraction
.25 =

$$\begin{array}{r} 13.95 \\ - 4.29 \\ \hline \end{array}$$

90% of 82
=

$$\begin{array}{r} 55.5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 60.9 \\ \times 7 \\ \hline \end{array}$$

$$\frac{8}{9} \div \frac{2}{9} =$$

Convert to Fraction
.1 =

$$\frac{4}{9} * \frac{5}{7} =$$

$$\frac{9}{10} + \frac{2}{5} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #37 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{5}{8} - \frac{1}{8} =$$

Convert to Decimal

$$\frac{5}{8} =$$

Convert to Fraction
 $.8 =$

Convert to Decimal

$$\frac{7}{10} =$$

Convert to Decimal
 $\frac{5}{6} / \frac{4}{9} =$

Convert to Decimal
 $\frac{3}{5} =$

$$\frac{9}{10} + \frac{1}{2} =$$

68% of 25
 $=$

$$\frac{1}{2} / \frac{7}{8} =$$

$$\begin{array}{r} 489 \\ \times 58 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{3} =$

Convert to Decimal
 $\frac{2}{3} =$

$$\begin{array}{r} 976 \\ \times 7 \\ \hline \end{array}$$

$$\frac{5}{6} / \frac{1}{4} =$$

$$14 \overline{)71.4}$$

$$\frac{2}{5} - \frac{1}{5} =$$

$$6 \overline{)96}$$

Convert to Decimal
 $\frac{1}{4} =$

$$\frac{3}{4} + \frac{3}{4} =$$

$$\begin{array}{r} 89.27 \\ + 6.82 \\ \hline \end{array}$$

$$\frac{5}{9} * \frac{7}{9} =$$

Convert to Fraction
 $.75 =$

$$\begin{array}{r} 72.5 \\ \times 9.5 \\ \hline \end{array}$$

$$11 \overline{)33}$$

$$\begin{array}{r} 92.7 \\ \times 6.5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

Convert to Fraction
 $.5 =$

Convert to Decimal
 $\frac{9}{10} =$

$$6 \overline{)21.6}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #38 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

| | | | | | |
|---|--|--|---|---|---------|
| $\begin{array}{r} 12 \text{ r } 2 \\ 8 \overline{)98} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p> | $\begin{array}{r} 72 \\ \times 6 \\ \hline 432 \end{array}$ <p>(3)</p> | $\frac{5}{7} + \frac{4}{7} = 1\frac{2}{7}$ <p>(3)</p> | <p>Convert to Decimal</p> $\frac{2}{3} = .667$ <p>(4)</p> | 15 (15) |
|---|--|--|---|---|---------|

| | | | | | |
|--|--|---------------------------------------|---|--|---------|
| $\begin{array}{r} 3 \text{ r } 1 \\ 5 \overline{)16} \end{array}$ <p>(2)</p> | $\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$ <p>(2)</p> | <p>75% of 37</p> $= 27.75$ <p>(5)</p> | $\begin{array}{r} 99.11 \\ - 4.24 \\ \hline 94.87 \end{array}$ <p>(5)</p> | $\begin{array}{r} 55.5 \\ \times 9 \\ \hline 499.5 \end{array}$ <p>(5)</p> | 19 (34) |
|--|--|---------------------------------------|---|--|---------|

| | | | | | |
|--|--|--|--|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p> | $\begin{array}{r} 0 \text{ r } 25 \\ 75 \overline{)25} \end{array}$ <p>(3)</p> | <p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p> | $\begin{array}{r} 8625 \\ 7053 \\ 5073 \\ + 3591 \\ \hline 24342 \end{array}$ <p>(5)</p> | $\begin{array}{r} 5.4 \\ 14 \overline{)75.6} \end{array}$ <p>(3)</p> | 16 (50) |
|--|--|--|--|--|---------|

| | | | | | |
|---|--|---|--------------------------------------|---|---------|
| $\begin{array}{r} 33.89 \\ + 3.28 \\ \hline 37.17 \end{array}$ <p>(5)</p> | $\begin{array}{r} 636 \\ \times 33 \\ \hline 20988 \end{array}$ <p>(5)</p> | <p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p> | <p>75% of 34</p> $= 25.5$ <p>(4)</p> | <p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p> | 19 (69) |
|---|--|---|--------------------------------------|---|---------|

| | | | | | |
|---|---|---|--------------------------------------|--|---------|
| <p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p> | <p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p> | $\begin{array}{r} 30.42 \\ - 1.46 \\ \hline 28.96 \end{array}$ <p>(5)</p> | <p>25% of 15</p> $= 3.75$ <p>(4)</p> | $\begin{array}{r} 53.8 \\ \times 4 \\ \hline 215.2 \end{array}$ <p>(5)</p> | 19 (88) |
|---|---|---|--------------------------------------|--|---------|

| | | | | | |
|--|---|--|---|---|----------|
| $\begin{array}{r} 98.5 \\ \times 2 \\ \hline 197 \end{array}$ <p>(3)</p> | $\frac{7}{8} \div \frac{8}{9} = \frac{63}{64}$ <p>(4)</p> | <p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p> | $\frac{2}{3} \times \frac{3}{8} = \frac{1}{4}$ <p>(2)</p> | $\frac{8}{9} + \frac{4}{9} = 1\frac{1}{3}$ <p>(3)</p> | 14 (102) |
|--|---|--|---|---|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #38 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\frac{5}{8} - \frac{3}{8} = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

13 (115)

$$\frac{7}{8} / \frac{1}{3} = 2\frac{5}{8}$$

(3)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

$$\frac{7}{8} + \frac{1}{2} = 1\frac{3}{8}$$

(3)

63% of 25

$$= 15.75$$

(5)

$$\frac{4}{5} / \frac{8}{9} = \frac{9}{10}$$

(3)

16 (131)

$$\begin{array}{r} 927 \\ \times 4 \\ \hline 3708 \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

$$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$$

(2)

$$\frac{7}{9} / \frac{2}{9} = 3\frac{1}{2}$$

(3)

17 (148)

$$12 \overline{)58.8}$$

(3)

$$\frac{3}{4} - \frac{3}{8} = \frac{3}{8}$$

(2)

$$38 \overline{)687}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$\frac{3}{8} + \frac{3}{8} = \frac{3}{4}$$

(2)

12 (160)

$$\begin{array}{r} 6.54 \\ + 6.08 \\ \hline 12.62 \end{array}$$

(5)

$$\frac{4}{5} * \frac{9}{10} = \frac{18}{25}$$

(4)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 8.9 \\ \times 1.3 \\ \hline 11.57 \end{array}$$

(5)

$$8 \overline{)71}$$

(2)

18 (178)

$$\begin{array}{r} 73.3 \\ \times 7.9 \\ \hline 579.07 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

$$7 \overline{)11.871}$$

(6)

18 (196)

AIMSweb® Mathematics Computation 2 Progress Monitor #38 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8 \overline{)98}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 72 \\ \times 6 \\ \hline \end{array}$$

$$\frac{5}{7} + \frac{4}{7} =$$

Convert to Decimal
 $\frac{2}{3} =$

$$5 \overline{)16}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

75% of 37
=

$$\begin{array}{r} 99.11 \\ - 4.24 \\ \hline \end{array}$$

$$\begin{array}{r} 55.5 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

$$75 \overline{)25}$$

Convert to Fraction
.4 =

$$\begin{array}{r} 8625 \\ 7053 \\ 5073 \\ + 3591 \\ \hline \end{array}$$

$$14 \overline{)75.6}$$

$$\begin{array}{r} 33.89 \\ + 3.28 \\ \hline \end{array}$$

$$\begin{array}{r} 636 \\ \times 33 \\ \hline \end{array}$$

Convert to Fraction
.3 =

75% of 34
=

Convert to Fraction
.75 =

Convert to Decimal
 $\frac{1}{5} =$

Convert to Fraction
.9 =

$$\begin{array}{r} 30.42 \\ - 1.46 \\ \hline \end{array}$$

25% of 15
=

$$\begin{array}{r} 53.8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 98.5 \\ \times 2 \\ \hline \end{array}$$

$$\frac{7}{8} \div \frac{8}{9} =$$

Convert to Fraction
.6 =

$$\frac{2}{3} * \frac{3}{8} =$$

$$\frac{8}{9} + \frac{4}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #38 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{5}{8} - \frac{3}{8} =$$

Convert to Decimal

$$\frac{3}{8} =$$

Convert to Fraction
 $.8 =$

Convert to Decimal

$$\frac{2}{5} =$$

Convert to Decimal
 $\frac{7}{8} / \frac{1}{3} =$

Convert to Decimal
 $\frac{7}{10} =$

$$\frac{7}{8} + \frac{1}{2} =$$

63% of 25
 $=$

$$\frac{4}{5} / \frac{8}{9} =$$

Convert to Decimal

$$\begin{array}{r} 927 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{3} =$

Convert to Decimal

$$\frac{7}{8} =$$

$$\frac{8}{\times 3}$$

$$\frac{7}{9} / \frac{2}{9} =$$

$$12 \overline{)58.8}$$

$$\frac{3}{4} - \frac{3}{8} =$$

$$38 \overline{)687}$$

Convert to Decimal
 $\frac{4}{5} =$

$$\frac{3}{8} + \frac{3}{8} =$$

$$\begin{array}{r} 6.54 \\ + 6.08 \\ \hline \end{array}$$

$$\frac{4}{5} * \frac{9}{10} =$$

Convert to Fraction
 $.2 =$

$$\frac{8.9}{\times 1.3}$$

$$8 \overline{)71}$$

Convert to Decimal

$$\begin{array}{r} 73.3 \\ \times 7.9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{2} =$

Convert to Fraction
 $.25 =$

Convert to Decimal
 $\frac{3}{5} =$

$$7 \overline{)83.1}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #39 - Grade 7 Answer Key

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| | | | | | |
|--|--|--|---|--|---------|
| $\begin{array}{r} 10 \\ 8 \overline{)80} \\ (2) \end{array}$ | Convert to Fraction $.5 = \frac{1}{2}$ (2) | $\begin{array}{r} 688 \\ \times 22 \\ \hline 15136 \\ (5) \end{array}$ | $\frac{1}{4} + \frac{9}{8} = 1\frac{3}{8}$ (3) | Convert to Decimal $\frac{1}{4} = .25$ (3) | 15 (15) |
|--|--|--|---|--|---------|

| | | | | | |
|---|--|------------------------------|--|--|---------|
| $\begin{array}{r} 8 \\ 5 \overline{)40} \\ (1) \end{array}$ | $\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \\ (2) \end{array}$ | 54% of 40 $= 21.6$ (4) | $\begin{array}{r} 28.6 \\ - 6.96 \\ \hline 21.64 \\ (5) \end{array}$ | $\begin{array}{r} 34.3 \\ \times 8 \\ \hline 274.4 \\ (5) \end{array}$ | 17 (32) |
|---|--|------------------------------|--|--|---------|

| | | | | | |
|---|---|---|--|---|---------|
| Convert to Decimal $\frac{3}{8} = .375$ (4) | $\begin{array}{r} 9 \text{ r } 14 \\ 93 \overline{)851} \\ (3) \end{array}$ | Convert to Fraction $.25 = \frac{1}{4}$ (2) | $\begin{array}{r} 8493 \\ 7918 \\ 6441 \\ + 4144 \\ \hline 26996 \\ (5) \end{array}$ | $\begin{array}{r} 5.086 \\ 7 \overline{)35.6} \\ (5) \end{array}$ | 19 (51) |
|---|---|---|--|---|---------|

| | | | | | |
|---|--|--|-------------------------------|---|---------|
| $\begin{array}{r} 94.74 \\ + 6.86 \\ \hline 101.6 \\ (5) \end{array}$ | $\begin{array}{r} 196 \\ \times 87 \\ \hline 17052 \\ (5) \end{array}$ | Convert to Fraction $.4 = \frac{2}{5}$ (2) | 75% of 37 $= 27.75$ (5) | Convert to Fraction $.9 = \frac{9}{10}$ (3) | 20 (71) |
|---|--|--|-------------------------------|---|---------|

| | | | | | |
|--|--|--|------------------------------|--|---------|
| Convert to Decimal $\frac{1}{10} = .1$ (2) | Convert to Fraction $.6 = \frac{3}{5}$ (2) | $\begin{array}{r} 66.76 \\ - 7.4 \\ \hline 59.36 \\ (5) \end{array}$ | 58% of 25 $= 14.5$ (4) | $\begin{array}{r} 34.2 \\ \times 6 \\ \hline 205.2 \\ (5) \end{array}$ | 18 (89) |
|--|--|--|------------------------------|--|---------|

| | | | | | |
|--|--|---|---|---|----------|
| $\begin{array}{r} 79.9 \\ \times 7 \\ \hline 559.3 \\ (5) \end{array}$ | $\frac{7}{9} \div \frac{9}{10} = \frac{70}{81}$ (4) | Convert to Fraction $.75 = \frac{3}{4}$ (2) | $\frac{8}{9} \times \frac{8}{9} = \frac{64}{81}$ (4) | $\frac{9}{10} + \frac{4}{5} = 1\frac{7}{10}$ (4) | 19 (108) |
|--|--|---|---|---|----------|

AIMSweb® Mathematics Computation 2 Progress Monitor #39 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$\frac{7}{3} - \frac{1}{3} = 2$$

(1)

Convert to Decimal

$$\frac{7}{10} = .7$$

(2)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

14 (122)

$$\frac{5}{6} / \frac{1}{4} = 3\frac{1}{3}$$

(3)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\frac{2}{3} + \frac{2}{9} = \frac{8}{9}$$

(2)

70% of 44

$$= 30.8$$

(4)

$$\frac{1}{2} / \frac{1}{4} = 2$$

(1)

12 (134)

$$\begin{array}{r} 315 \\ \times 5 \\ \hline 1575 \end{array}$$

(4)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\begin{array}{r} 443 \\ \times 43 \\ \hline 19049 \end{array}$$

(5)

$$\frac{6}{7} / \frac{4}{9} = 1\frac{13}{14}$$

(5)

19 (153)

$$15 \overline{)106.5}$$

(3)

$$1 - \frac{5}{9} = \frac{4}{9}$$

(2)

$$75 \overline{)421} \text{ 5 r 46}$$

(3)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

$$\frac{2}{3} + \frac{4}{3} = 2$$

(1)

13 (166)

$$\begin{array}{r} 9.31 \\ + 8.71 \\ \hline 18.02 \end{array}$$

(5)

$$\frac{7}{9} * \frac{8}{9} = \frac{56}{81}$$

(4)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 27.4 \\ \times 8.5 \\ \hline 232.9 \end{array}$$

(5)

$$23 \overline{)895} \text{ 38 r 21}$$

(4)

20 (186)

$$\begin{array}{r} 29.7 \\ \times 3.5 \\ \hline 103.95 \end{array}$$

(6)

Convert to Decimal

$$\frac{7}{8} = .875$$

(4)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$5 \overline{)97.1}$$

(5)

19 (205)

AIMSweb® Mathematics Computation 2 Progress Monitor #39 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$8 \overline{)80}$$

Convert to Fraction
.5 =

$$\begin{array}{r} 688 \\ \times 22 \\ \hline \end{array}$$

$$\frac{1}{4} + \frac{9}{8} =$$

Convert to Decimal
 $\frac{1}{4} =$

$$5 \overline{)40}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

54% of 40
=

$$\begin{array}{r} 28.6 \\ - 6.96 \\ \hline \end{array}$$

$$\begin{array}{r} 34.3 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{8} =$

$$93 \overline{)851}$$

Convert to Fraction
.25 =

$$\begin{array}{r} 8493 \\ 7918 \\ 6441 \\ + 4144 \\ \hline \end{array}$$

$$7 \overline{)35.6}$$

$$\begin{array}{r} 94.74 \\ + 6.86 \\ \hline \end{array}$$

$$\begin{array}{r} 196 \\ \times 87 \\ \hline \end{array}$$

Convert to Fraction
.4 =

75% of 37
=

Convert to Fraction
.9 =

Convert to Decimal
 $\frac{1}{10} =$

Convert to Fraction
.6 =

$$\begin{array}{r} 66.76 \\ - 7.4 \\ \hline \end{array}$$

58% of 25
=

$$\begin{array}{r} 34.2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 79.9 \\ \times 7 \\ \hline \end{array}$$

$$\frac{7}{9} \div \frac{9}{10} =$$

Convert to Fraction
.75 =

$$\frac{8}{9} * \frac{8}{9} =$$

$$\frac{9}{10} + \frac{4}{5} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #39 - Grade 7

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{2}{3} =$$

$$\frac{7}{3} - \frac{1}{3} =$$

Convert to Decimal

$$\frac{7}{10} =$$

Convert to Fraction
 $.3 =$

Convert to Decimal

$$\frac{1}{3} =$$

Convert to Decimal
 $\frac{5}{6} / \frac{1}{4} =$

Convert to Decimal
 $\frac{2}{5} =$

$$\frac{2}{3} + \frac{2}{9} =$$

70% of 44
 $=$

$$\frac{1}{2} / \frac{1}{4} =$$

$$\begin{array}{r} 315 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{2} =$

Convert to Decimal
 $\frac{3}{4} =$

$$\begin{array}{r} 443 \\ \times 43 \\ \hline \end{array}$$

$$\frac{6}{7} / \frac{4}{9} =$$

$$15 \overline{)106.5}$$

$$1 - \frac{5}{9} =$$

$$75 \overline{)421}$$

Convert to Decimal
 $\frac{1}{8} =$

$$\frac{2}{3} + \frac{4}{3} =$$

$$\begin{array}{r} 9.31 \\ + 8.71 \\ \hline \end{array}$$

$$\frac{7}{9} * \frac{8}{9} =$$

Convert to Fraction
 $.2 =$

$$\begin{array}{r} 27.4 \\ \times 8.5 \\ \hline \end{array}$$

$$23 \overline{)895}$$

$$\begin{array}{r} 29.7 \\ \times 3.5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{8} =$

Convert to Fraction
 $.8 =$

Convert to Decimal
 $\frac{1}{5} =$

$$5 \overline{)97.1}$$

AIMSweb® Mathematics Computation 2 Progress Monitor #40 - Grade 7 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Convert to Fraction

$$3 \overline{)15} \quad .6 = \frac{3}{5}$$

(2) (2)

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

(2)

$$\frac{4}{7} + \frac{2}{7} = \frac{6}{7}$$

(2)

Convert to Decimal

$$\frac{1}{2} = .5$$

(2) 10 (10)

$$7 \overline{)466} \quad 66 \text{ r } 4$$

(3)

$$\begin{array}{r} 156 \\ \times 99 \\ \hline 15444 \end{array}$$

(5)

75% of 65

$$= 48.75$$

(5)

$$\begin{array}{r} 79.05 \\ - 6.81 \\ \hline 72.24 \end{array}$$

(5)

$$\begin{array}{r} 74.7 \\ \times 8 \\ \hline 597.6 \end{array}$$

(5) 23 (33)

Convert to Decimal

$$\frac{2}{3} = .667$$

(4)

$$81 \overline{)654} \quad 8 \text{ r } 6$$

(2)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

$$\begin{array}{r} 6501 \\ 3562 \\ 1277 \\ + 394 \\ \hline 11734 \end{array}$$

(5)

$$3 \overline{)14.7} \quad 4.9$$

(3) 17 (50)

$$\begin{array}{r} 13.24 \\ + 9.94 \\ \hline 23.18 \end{array}$$

(5)

$$\begin{array}{r} 192 \\ \times 9 \\ \hline 1728 \end{array}$$

(4)

$$\begin{array}{r} 6.4 \\ \times 4.6 \\ \hline 29.44 \end{array}$$

(5)

25% of 13

$$= 3.25$$

(4)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2) 20 (70)

Convert to Fraction

$$80.76 - 4.62 = 76.14$$

(5)

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 57.24 \\ - 9.77 \\ \hline 47.47 \end{array}$$

(5)

53% of 30

$$= 15.9$$

(4)

$$\begin{array}{r} 77.9 \\ \times 7 \\ \hline 545.3 \end{array}$$

(5) 21 (91)

$$\begin{array}{r} 48.8 \\ \times 4.3 \\ \hline 209.84 \end{array}$$

(6)

$$\frac{3}{7} \div \frac{2}{3} = \frac{9}{14}$$

(3)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\frac{7}{8} \times \frac{1}{9} = \frac{7}{72}$$

(3)

$$\frac{9}{10} + \frac{3}{5} = 1\frac{1}{2}$$

(3) 17 (108)

AIMSweb® Mathematics Computation 2 Progress Monitor #40 - Grade 7 Answer Key

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Convert to Decimal

$$\frac{1}{3} = .333$$

(4)

$$\frac{8}{9} - \frac{5}{9} = \frac{1}{3}$$

(2)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$6 \overline{)12.0}$$

(1)

13 (121)

$$\frac{1}{3} \div \frac{1}{7} = 2\frac{1}{3}$$

(3)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

$$\frac{8}{9} - \frac{2}{3} = \frac{2}{9}$$

(2)

73% of 70

$$= 51.1$$

(4)

$$\frac{3}{4} \div \frac{9}{10} = \frac{5}{6}$$

(2)

13 (134)

$$\begin{array}{r} 12 \\ \times 12 \\ \hline 144 \end{array}$$

(3)

Convert to Decimal

$$\frac{3}{10} = .3$$

(2)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array}$$

(2)

$$\frac{5}{7} \div \frac{3}{4} = \frac{20}{21}$$

(4)

13 (147)

$$14 \overline{)29.4}$$

(3)

$$1 - \frac{1}{2} = \frac{1}{2}$$

(2)

$$6 \overline{)383} \text{ r } 5$$

(3)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\frac{5}{8} + \frac{3}{4} = 1\frac{3}{8}$$

(3)

14 (161)

$$\begin{array}{r} 45.21 \\ + 7.72 \\ \hline 52.93 \end{array}$$

(5)

$$\frac{5}{8} \times \frac{5}{6} = \frac{25}{48}$$

(4)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 21.5 \\ \times 4.3 \\ \hline 92.45 \end{array}$$

(5)

$$7 \overline{)482} \text{ r } 6$$

(3)

19 (180)

$$\begin{array}{r} 96.6 \\ \times 4.3 \\ \hline 415.38 \end{array}$$

(6)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

Convert to Fraction

$$.9 = \frac{9}{10}$$

(3)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

$$3 \overline{)13.2}$$

(3)

16 (196)

AIMSweb® Mathematics Computation 2 Progress Monitor #40 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

$$3 \overline{)45}$$

Convert to Fraction
.6 =

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\frac{4}{7} + \frac{2}{7} =$$

Convert to Decimal
 $\frac{1}{2} =$

$$7 \overline{)466}$$

$$\begin{array}{r} 156 \\ \times 99 \\ \hline \end{array}$$

75% of 65
=

$$\begin{array}{r} 79.05 \\ - 6.81 \\ \hline \end{array}$$

$$\begin{array}{r} 74.7 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{3} =$

$$81 \overline{)654}$$

Convert to Fraction
.1 =

$$\begin{array}{r} 6501 \\ 3562 \\ 1277 \\ + 394 \\ \hline \end{array}$$

$$3 \overline{)14.7}$$

$$\begin{array}{r} 13.24 \\ + 9.94 \\ \hline \end{array}$$

$$\begin{array}{r} 192 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6.4 \\ \times 4.6 \\ \hline \end{array}$$

25% of 13
=

Convert to Fraction
.5 =

$$\begin{array}{r} 80.76 \\ - 4.62 \\ \hline \end{array}$$

Convert to Fraction
.75 =

$$\begin{array}{r} 57.24 \\ - 9.77 \\ \hline \end{array}$$

53% of 30
=

$$\begin{array}{r} 77.9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 48.8 \\ \times 4.3 \\ \hline \end{array}$$

$$\frac{3}{7} \div \frac{2}{3} =$$

Convert to Fraction
.4 =

$$\frac{7}{8} * \frac{1}{9} =$$

$$\frac{9}{10} + \frac{3}{5} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #40 - Grade 7

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Student Name: _____

Grade: _____

Teacher Name: _____

Convert to Decimal

$$\frac{1}{3} =$$

$$\frac{8}{9} - \frac{5}{9} =$$

Convert to Decimal

$$\frac{5}{8} =$$

Convert to Fraction

$$.25 =$$

$$6 \overline{)12.0}$$

$$\frac{1}{3} / \frac{1}{7} =$$

Convert to Decimal

$$\frac{1}{10} =$$

$$\frac{8}{9} - \frac{2}{3} =$$

73% of 70

=

$$\frac{3}{4} / \frac{9}{10} =$$

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{10} =$$

Convert to Decimal

$$\frac{2}{5} =$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

$$\frac{5}{7} / \frac{3}{4} =$$

$$14 \overline{)29.4}$$

$$1 - \frac{1}{2} =$$

$$6 \overline{)383}$$

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{5}{8} + \frac{3}{4} =$$

$$\begin{array}{r} 45.21 \\ + 7.72 \\ \hline \end{array}$$

$$\frac{5}{8} * \frac{5}{6} =$$

Convert to Fraction

$$.8 =$$

21.5

$$\begin{array}{r} 21.5 \\ \times 4.3 \\ \hline \end{array}$$

$$7 \overline{)482}$$

$$\begin{array}{r} 96.6 \\ \times 4.3 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{5} =$$

Convert to Fraction

$$.9 =$$

Convert to Decimal

$$\frac{4}{5} =$$

$$3 \overline{)13.2}$$